

CADENCE DESIGN SYSTEMS INC

Form 10-K

February 26, 2008

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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

**FORM 10-K**

(Mark One)

**x ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES  
EXCHANGE  
ACT OF 1934**

**For the fiscal year ended December 29, 2007**

**o TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES  
EXCHANGE  
ACT OF 1934**

**For the transition period from \_\_\_\_ to \_\_\_\_.**

**Commission file number 0-15867**

**CADENCE DESIGN SYSTEMS, INC.**  
(Exact Name of Registrant as Specified in its Charter)

**Delaware**  
(State or Other Jurisdiction of  
Incorporation or Organization)  
**2655 Seely Avenue, Building 5, San Jose, California**  
(Address of Principal Executive Offices)

**77-0148231**  
(I.R.S. Employer  
Identification No.)  
**95134**  
(Zip Code)

**(408) 943-1234**  
(Registrant's Telephone Number, including Area Code)

Securities registered pursuant to Section 12(b) of the Act:

Title of Each Class  
**Common Stock, \$0.01 par value per share**

Names of Each Exchange on which Registered  
**NASDAQ Global Select Market**

Securities registered pursuant to Section 12(g) of the Act:  
**None**

## Edgar Filing: CADENCE DESIGN SYSTEMS INC - Form 10-K

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes ☒ No ☐

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act. Yes ☐ No ☒

Indicate by check mark whether the registrant: (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes ☒ No ☐

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein, and will not be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K. ☐

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of large accelerated filer, accelerated filer and smaller reporting company in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer ☒ Accelerated filer ☐ Non-accelerated filer ☐ Smaller reporting company ☐  
(Do not check if a smaller reporting company)

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act). Yes ☐ No ☒

The aggregate market value of the voting and non-voting common equity held by non-affiliates computed by reference to the price at which the common equity was last sold as of the last business day of the registrant's most recently completed second fiscal quarter ended June 30, 2007 was \$6,247,841,818.

On February 2, 2008, approximately 278,205,971 shares of the Registrant's Common Stock, \$0.01 par value, were outstanding.

### DOCUMENTS INCORPORATED BY REFERENCE

Portions of the definitive proxy statement for the Cadence Design Systems, Inc. 2008 Annual Meeting are incorporated by reference into Part III hereof.

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**PART I.**

**Item 1. Business**

*This Annual Report on Form 10-K and the documents incorporated by reference in this Annual Report contain forward-looking statements. Certain of such statements, including, but not limited to, statements regarding the extent and timing of future revenues and expenses and customer demand, statements regarding the deployment of our products, statements regarding our reliance on third parties and other statements using words such as anticipates, believes, could, estimates, expects, intends, may, plans, should, will and would, and words of similar import and the negatives thereof, constitute forward-looking statements. These statements are predictions based upon our current expectations about future events. Actual results could vary materially as a result of certain factors, including but not limited to, those expressed in these statements. We refer you to the Proprietary Technology, Competition, Risk Factors, Results of Operations, Disclosures About Market Risk and Liquidity and Capital Resources sections contained in this Annual Report and the risks discussed in our other Securities Exchange Commission, or SEC, filings, which identify important risks and uncertainties that could cause actual results to differ materially from those contained in the forward-looking statements.*

*We urge you to consider these factors carefully in evaluating the forward-looking statements contained in this Annual Report. All subsequent written or spoken forward-looking statements attributable to our company or persons acting on our behalf are expressly qualified in their entirety by these cautionary statements. The forward-looking statements included in this Annual Report are made only as of the date of this Annual Report. We do not intend, and undertake no obligation, to update these forward-looking statements.*

**Overview**

We develop electronic design automation, or EDA, software and hardware. We license software, sell or lease hardware technology and provide design, methodology and education services throughout the world to help manage and accelerate electronics product development processes. Our broad range of products and services are used by the world's leading electronics companies to design and develop complex integrated circuits, or ICs, and electronics systems. We have approximately 5,300 employees, in approximately 60 sales offices, design centers and research and development facilities located around the world.

We were formed as a Delaware corporation in April 1987. Our headquarters is located at 2655 Seely Avenue, San Jose, California 95134. Our telephone number is (408) 943-1234. Our website can be accessed at [www.cadence.com](http://www.cadence.com). We make available free of charge copies of our SEC filings and submissions on the investor relations page of our website at [www.cadence.com](http://www.cadence.com) as soon as practicable after electronically filing or furnishing such documents with the SEC. Our Corporate Governance Guidelines, Code of Business Conduct and the charters of the Audit Committee, Compensation Committee and Corporate Governance and Nominating Committee of our Board of Directors are also posted on the investor relations page of our website at [www.cadence.com](http://www.cadence.com). Stockholders may also request copies of these documents by writing to our Corporate Secretary at the address above.

**Factors Driving the Electronic Design Automation Industry**

Communications, computing and consumer electronics markets drove the growth in the electronics industry for most of the past decade. However, in recent years, the consumer market has been the fastest growing end market for electronics and the most influential in setting requirements for time-to-market, low cost, miniaturization and

increasing functionality. These market and technology forces pose major challenges for the global electronics design community.

During 2007, we saw increasing pressures on research and development budgets in our customer base, due to the deceleration of growth in the electronics equipment and semiconductor industries and a deteriorating macroeconomic environment. Semiconductor volumes grew during 2007, fueled by strong consumer demand in traditional and emerging markets, but at the same time average selling prices declined.

Electronic systems companies respond to demand for increased functionality and miniaturization by combining subsystems such as radio frequency wireless communication, or RF, video signal processing, and

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microprocessors onto a single silicon chip, creating a system-on-chip, or SoC, or multiple chips into a single chip package in a format referred to as system-in-package, or SiP. These trends toward subsystem integration have required chip makers to find solutions to challenges previously addressed by system companies, such as verifying system-level functionality and hardware-software interoperability.

SoC designs put many more transistors on each chip, increasing the need for tight control over power consumption. This is done not only to increase battery life in portable devices, but also to minimize energy cost for computing and networking equipment. Higher power devices generate more heat, which further increases both system cost as well as operating expenses for cooling. Evolving semiconductor manufacturing processes with smaller features (transistors and wires) and lower supply voltages address both of these issues to some degree, but introduce new challenges of their own. Contemporary portable electronic devices contain chips in which individual features can be as small as 45 nanometers—45/1,000,000ths of a millimeter. Because of the electrical characteristics of the materials used to construct the transistors (which are essentially microscopic switches), chips continue to consume power even when transistors in the device are switched off. To overcome these and other power-related issues, specific low power design techniques must be developed and are most effective if they are integrated throughout the design flow, from logic design and verification through physical implementation.

Variability in the processes and materials used to manufacture silicon chips have become so pervasive at 65 nanometers and below that traditional connections between design and manufacturing teams are insufficient to ensure chip performance and yield. Integrating detailed models of the manufacturing process into the chip design environment is desirable so engineers can craft the design to avoid or overcome these manufacturing process variations. Similarly, manufacturing teams can optimize their processes if, along with the design, they are provided with information about the most critical parts of the chip. However, sharing information between design and manufacturing processes is complicated because current data formats used to describe the chip design differ from data formats used to describe the manufacturing process and control the manufacturing equipment. Moreover, design and manufacturing often take place within two or more separate companies, since multiple companies may participate in the design of the chip, and multiple companies may participate in the manufacturing and assembly of the final device.

These trends represent significant new challenges for electronics design processes. Specifically, product performance and size requirements of the mobile consumer electronics market require microelectronic systems to be smaller, consume less power and provide multiple functions all in one SoC or SiP package. This requires designers to pay close attention to many electrical, physical and manufacturing effects that were inconsequential in previous generations of chip designs. The design challenge becomes more complex with each new generation of electronics, and providers of EDA solutions must deliver products that address these technical challenges, while improving the efficiency and productivity of the design process.

## **Operating Segment**

Our chief operating decision maker is our President and Chief Executive Officer, or CEO. Our CEO reviews our consolidated results within only one operating segment.

## **Products**

Our products are engineered to improve our customers' design productivity and resulting design quality by providing a comprehensive set of EDA design tools. Product revenues include all fees earned from granting licenses to use our software, and from sales and leases of our hardware products, and exclude revenues derived from maintenance and services. We offer customers three license types for our software: perpetual, term and subscription. See Software Licensing Arrangements below for additional discussion of our license types.



Product revenue was \$1,104.0 million, or 68% of our total revenue, in 2007, \$982.7 million, or 66% of our total revenue, in 2006 and \$851.5 million, or 64% of our total revenue, in 2005.

### **Product Strategy**

With the addition of emerging nanometer design considerations to the already burgeoning set of traditional design tasks, complex SoC or IC design can no longer be accomplished using a collection of discrete design tools. What previously consisted of sequential design activities must be merged and accomplished nearly simultaneously without time-consuming data translation steps. We combine our design technologies into platforms for four major

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design activities: functional verification, digital IC design, custom IC design and system interconnect design. The four Cadence® design platforms are Incisive® functional verification, Encounter® digital IC design, Virtuoso® custom design and Allegro® system interconnect design platforms. In addition, we augment these platform product offerings with a comprehensive set of design for manufacturing, or DFM, products that service both the digital and custom IC design flows. These four platforms, together with our DFM products, comprise our primary product lines.

In order to provide our customers with products that are optimized and scaled to their specific project requirements, we introduced three product tiers. The L tier provides competitive technology for mainstream design projects. The XL tier is differentiated for more complex and leading edge design projects. The GXL tier is highly differentiated to address the most complex and challenging design projects in the industry.

### *Incisive Functional Verification Platform*

The Incisive functional verification platform enables our customers to employ enterprise-level verification process automation, including verification planning, management and process tracking, with coordination of all verification activities across teams of specialists and different execution platforms.

The Incisive platform is tailored for three customer segments:

- Logic design engineers using traditional hardware description languages and testing techniques;
- Logic design teams that are also responsible for verification and need more automation; and
- Multi-specialist enterprise teams comprised of logic design engineers, dedicated verification engineers, software development engineers and system validation engineers.

The Incisive platform includes verification process automation technologies, methodologies, and verification intellectual property, or VIP, for many standard protocols. The Incisive platform is comprised of the following core solutions:

- The Incisive Management solution, which automates and guides the verification process and then analyzes data, from planning to closure;
- The Incisive Simulation Analysis solution, which offers mixed-language testbench support, dynamic assertion checking, transaction-level support, hardware description language, or HDL, analysis and a complete debug environment;
- The Incisive Formal solution, which improves productivity starting at the designer's desktop, providing a formal means of verifying register transfer level, or RTL, functional correctness with assertions, without the need of testbench simulation, resulting in fast RTL block bring-up;
- The Incisive Verification IP, which improves productivity while reducing project risks associated with standard protocol compliance, providing a catalogue of the most popular standard protocols equipped with a Compliance Management System; and
- The Palladium® and Xtreme® series of emulation and acceleration hardware solutions, which accelerate the verification process and enable first working silicon with first working software.

The Incisive Plan-to-Closure methodology and the SoC Functional Verification Kit are designed to enable the scalable deployment of best practices by our technical field experts and to mitigate our customers' language, technology and methodology adoption risks.

### *Encounter Digital IC Design Platform*

The Encounter digital IC design platform enables our customers to implement all aspects of their digital nanometer-scale designs. It is based on a single user interface and unified in-memory data model, and is specifically designed to facilitate the analysis and optimization of chip performance, power consumption, and silicon area and manufacturability throughout our customers' design processes. The Encounter platform is comprised of the following core technologies:

Silicon virtual prototyping for enabling designers to plan the complete implementation of a chip before committing to a specific design strategy;

Global RTL and physical synthesis for creating and physically locating logic on the chip, while simultaneously optimizing performance, power, cost and yield;

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Signal integrity and yield-aware routing for connecting high performance physical interconnect between the logic gates;  
Signal integrity and nanometer delay analysis;  
Comprehensive design-for-test capability as well as post-silicon test diagnostics; and  
Logic equivalence checking and design constraint management capability for designers to verify that their RTL specification is equivalent to the final IC layout.

Unlike traditional front-end/back-end systems, the Encounter platform does not require customers to perform time-consuming translations between common tasks such as placement, power distribution, routing, and timing and crosstalk analysis. The Encounter platform supports hierarchical designs, with support for designs containing hundreds of millions of transistors on a single chip. Since 2005, the Encounter platform has been marketed in three tiers: Encounter L, XL and GXL. These tiers are scaled to provide customers with technologies tailored to specific degrees of design complexity in the digital IC space.

### *Virtuoso Custom Design Platform*

The Virtuoso custom design platform provides designers with an integrated solution for design creation, validation and implementation of silicon-accurate analog, custom digital, mixed-signal and RF designs, while ensuring that these designs are ready for manufacturing, through our integrated DFM capabilities.

The Virtuoso platform reduces design time by providing:

Reference flows for analog, mixed-signal, RF and analog-digital integration focused at the wireless and analog/mixed-signal markets;  
Automatic analog circuit sizing and optimization (including yield optimization);  
Multi-mode simulation (digital, analog, mixed-signal and RF) using a common syntax and model, and common equations;  
Fast custom layout technologies;  
Process migration technology;  
Electrical vs. physical effects analysis; and  
Physical design integration and silicon analysis for complex custom, cell-based and mixed custom designs.

The latest Virtuoso 6.1.0 release provides a unified design environment tying together the design, layout, and verification tasks based on innovative constraint-driven design capabilities, which significantly improve our customers productivity. The end-to-end simulation and verification technology called multi-mode simulation is integrated into the unified environment enabling a complete design-to-verification methodology.

The Virtuoso 6.1.0 platform relies on the OpenAccess<sup>™</sup> database (described below in Third Party Programs and Initiatives ), which provides a common foundation for the designers as they move through the design cycle and is also a mechanism to interoperate with applications developed by partners and customers.

The Virtuoso L, XL and GXL offerings provide designers the ability to choose the right products to match their needs for custom design ranging from the simplest entry-level component design to the most complex DFM-aware SoC designs.

### *Allegro System Interconnect Design Platform*

The Allegro system interconnect design platform enables design teams to design high-performance electronic products across the domains of IC, package and printed circuit board, or PCB, reducing cost and time to market. The system

interconnect between input-output buffers and across ICs, packages and PCBs can be optimized through the platform's co-design methodology, reducing both hardware costs and design cycles. Designers use the Allegro platform's constraint-driven methodology and advanced capabilities for design capture, signal integrity and physical implementation. Silicon design-in kits speed time to market by allowing IC companies to shorten new device adoption time and allowing systems companies to accelerate PCB system design cycles. In 2007, we shipped our next generation PCB design products that include our new global route environment technology as part of the Allegro 16.0 release. We also expanded sales of our IC Packaging and SiP products. The Allegro family products are marketed in three product tiers: Allegro L, XL and GXL.

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The system interconnect design product group includes the Allegro system interconnect design platform, the OrCAD® product line of PCB design products which are engineered for individual or small design team productivity and a family of IC packaging and SiP technologies. The OrCAD product line is marketed worldwide through a network of resellers.

### *Design for Manufacturing*

With the advent of finer geometries in silicon manufacturing technologies (65 nanometer, 45 nanometer and below), semiconductor companies are increasingly concerned about manufacturability of their designs. The physical layout of each IC requires detailed analysis and optimization to ensure that the design can be manufactured in volume while performing as expected.

Cadence's strategy is to integrate silicon foundry-endorsed model-based manufacturability analysis and sign-off into the proven IC design implementation flows from both the Virtuoso as well as the Encounter platforms. The benefits of this integrated manufacturability design flow include reduction of catastrophic and parametric yield issues and enablement of design implementation for maximized performance.

Some of our products that deliver DFM capabilities for nanometer SoC design include:

QRC, Fire & Ice® QX and Assura® RCX parasitic extraction products, which take the designer's physical representation of an IC and extract the electrical properties of that design representation to enable further analyses, such as simulation and timing analysis;

Products in the VoltageStorm® family analyze on-chip power distribution for digital, analog and SoC designs. VoltageStorm detects unanticipated voltage drop, enabling the customer to correct fatal conditions, thereby preventing extensive troubleshooting and delay during initial manufacturing;

Our physical verification products, including Cadence Physical Verification System, or PVS, Assura, Diva® and Dracula®, which perform manufacturing design rule checks to ensure the proposed design meets the requirements of the foundry's manufacturing process rules;

Mask data preparation tools, such as MaskCompose and QuickView, which help customer mask shops create mask and reticle layouts for chips being manufactured in nanometer processes;

Cadence CMP Predictor, which helps designers to understand the impact of chemical-mechanical polishing, or CMP, one of the major steps in the semiconductor manufacturing process, which potentially impacts the chip performance at advanced silicon geometries;

Litho Physical Analyzer and Litho Electrical Analyzer, both lithography analysis tools for physical and electrical effects, which offer silicon foundry endorsed model-based layout printability and electrical variation analysis tools;

Advanced pattern synthesis tools for next generation optical and process proximity correction of layouts targeted for finer geometries, especially extremely dense layouts such as full chip memory designs; and

Other products for random yield analysis as well as chip failure diagnostics.

### *Kits*

Today's growing silicon complexity creates an array of design challenges for semiconductor and systems design teams. Among these challenges is the application of EDA technologies to overcome design hurdles in certain key markets driving the semiconductor industry, such as the wireless and networking segments. Cadence kits are designed to allow companies in these sectors to achieve shorter, more predictable design cycles and greater design productivity by greatly simplifying the application and integration of EDA technologies to address major design challenges in the analog mixed-signal, RF, SiP, low power and SoC functional verification markets.

A Cadence kit assembles technologies from our broad portfolio into ready-to-use design flows, enhanced by application specific design methodologies, expert knowledge, and best practices, and applied to a segment representative IC design. The kits accelerate the adoption of latest design methodologies and offer customers improved productivity. In 2007, we introduced the Low Power Kit and the SoC Functional Verification Kit.

*Verification and Application-Specific Programming Services*

We offer verification and application-specific programming, or ASP, services, which provide customers with consulting services, project services and/or complete turnkey services for verification acceleration and system

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emulation. QuickCycles allows customers access to our Palladium simulation acceleration and emulation products either on the customer internet site or remotely over a high-speed, secure network connection.

### *Third Party Programs and Initiatives*

We recognize that certain of our customers may also use internally-developed design tools or design tools provided by other EDA companies, as well as IP available from multiple suppliers. We support the integration of third party design products through participation in the OpenAccess Initiative, the Connections® and OpenChoice IP programs.

OpenAccess is a full-featured EDA database that supports access and manipulation of its internal EDA data via a fully documented and freely available programming interface. This provides an open application program interface through which applications developed by our customers, by their other EDA vendors, or by university research groups can all operate within a single database and with our products. We have licensed the OpenAccess database to the OpenAccess Coalition, which is operated by the Silicon Integration Initiative, or Si2, an organization of EDA, electronic system and semiconductor industry leaders focused on improving productivity and reducing cost in creating and producing integrated silicon systems.

The Connections Program provides member companies with access to our products to ensure that our products work well with third party tools. The OpenChoice IP program was instituted to enable interoperability and facilitate open collaboration with leading providers of library, processor, memory core and verification IP to build, validate and deliver accurate models optimized for Cadence design and verification solutions. The program aims to ensure IP quality and provide our customers with access to a broad IP portfolio that works with our products. A key component of the OpenChoice program is to assist and support library providers in the integration of our design and verification products and model formats into customer-owned tooling, or COT, library solutions.

In 2007, the Power Forward Initiative membership grew to 24 electronics industry leaders who recognized the urgent need for an automated, power-aware design infrastructure to facilitate the production of ICs that consume significantly less power. This group participated in the refinement and standardization of the Common Power Format, or CPF. CPF is a specification language that holistically captures low-power design intent so that it can be communicated consistently throughout the IC design process. We have contributed the CPF specification to Si2, which manages the standardization, maintenance and distribution of CPF for the benefit of the electronics industry.

In addition, we work with vendors of Application-Specific Integrated Circuits, or ASICs, to ensure predictable and smooth handoff of design data from mutual customers to ASIC implementation. These programs foster relationships throughout the silicon design chain with leading IP partners, silicon manufacturers and library provider partners to support both ASIC and COT solutions for our customers. They are integral to providing complete design chain solutions to IC and electronic systems designers who depend on coordinated offerings from multiple suppliers.

## **Maintenance**

We provide technical support to our customers to facilitate their use of our software and hardware products. A high level of customer service and support is critical to the adoption and successful use of our products. We have a global customer support organization and specialized field application engineering teams located in each of our operating regions to provide assistance to customers where and when they need it.

Standard maintenance support includes three major components: our Sourcelink® online support portal, which provides 24 hour access to real-time technical information on our products; contact center support (telephone, email and web access to our support engineers); and software updates (periodic updates with regression-tested critical fixes and updated functionality available via CDs or secure internet download).



Maintenance is offered to customers as an integral, non-cancelable component of our subscription license agreements, or as a separate agreement subject to annual renewal for our term and perpetual license customers.

Some of our customers have relocated, or expanded the presence of their design teams, away from their headquarters or historical locations to locations in emerging growth regions. Accordingly, to provide responsive and effective support for these customers, we expect to continue expanding the presence of our own support and application engineering teams in these emerging growth regions.

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Maintenance revenue was \$385.2 million, or 24% of our total revenue, in 2007, \$366.3 million, or 25% of our total revenue, in 2006 and \$351.5 million, or 26% of our total revenue, in 2005. We expect that maintenance revenue in 2008 will be generated predominantly from backlog.

## **Services**

We offer a number of fee-based services, including engineering and education services related to IC design and methodology. These services may be sold separately or sold and performed in conjunction with the sale, lease or license of our products.

Services revenue was \$125.8 million, or 8% of our total revenue, in 2007, \$134.9 million, or 9% of our total revenue, in 2006 and \$126.2 million, or 9% of our total revenue, in 2005.

### *Engineering Services*

We offer engineering services and reusable design technologies to aid customers with the design of complex ICs and the implementation of design capabilities. We focus our offerings primarily on SoC devices, including both ASICs and Application-Specific Standard Parts, and on analog and mixed-signal ICs. The customers for these services primarily consist of semiconductor and systems companies developing products for the communications, computing and consumer markets. We offer engineering capabilities to assist customers from product concept through volume manufacturing.

We also make our design IP portfolio available to customers as part of our technology and services solutions. These reusable design and methodology components enable us to more efficiently deliver our services, and allow our customers to reduce the design complexity and time to market for the development of complex SoCs.

In our design and methodology service practices, we leverage our cumulative experience and knowledge of design techniques and leading practices with many customers and different design environments to improve our own service teams and our customers' productivity. We work with customers using outsourcing, consultative and collaborative models depending on their projects and needs. Our Virtual Computer-Aided Design, or VCAD, model enables our engineering teams at one or more of our locations to virtually work side-by-side with our customers' teams located elsewhere during the course of their design and engineering projects through a secure private network infrastructure.

Through collaboration with our customers, we are able to design advanced ICs and gain direct and early visibility to industry design issues that may not be addressed adequately by today's EDA technologies. This enables us to accelerate the development of new software technology and products to meet the market's current and future design requirements.

### *Education Services*

Our education services offerings include internet, classroom and custom courses, the content of which ranges from how to use the most recent features of our EDA products to instruction in the latest IC design techniques. The primary focus of education services is to accelerate our customers' path to productivity in the use of Cadence products and increase awareness of the total solution required for engineering success.

## **Marketing and Sales**

We generally use a direct sales force consisting of sales people and applications engineers to market our products and provide maintenance and services to existing and prospective customers. Applications engineers provide technical

pre-sales and post-sales support for software products. Due to the complexity of many of our EDA products and the electronic design process in general, the sales cycle is generally long, requiring three to six months or more. During the sales cycle, our direct sales force generally provides technical presentations, product demonstrations and support for on-site customer evaluation of our software. We also use traditional marketing approaches to promote our products and services, including advertising, direct mail, telemarketing, trade shows, public relations and the internet. As EDA products mature and become widely understood by the marketplace, we selectively utilize value added resellers to broaden our reach and reduce cost of sales. All OrCAD and selected Incisive products are primarily marketed through these channels. With respect to international sales, we generally market and support our products and services through our subsidiaries.

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### **Software Licensing Arrangements**

We sell software using three license types: subscription, term and perpetual. Customers who prefer to license technology for a specified, limited period of time will choose either a subscription or term license, and customers who prefer to have the right to use the technology continuously without time restriction will choose a perpetual license. Customers who desire rights to remix in new technology during the life of the contract will select a subscription license, which allows them limited access to unspecified new technology on a when-and-if-available basis, as opposed to a term or perpetual license which does not include remix rights to new technology. Payment terms for subscription and term licenses generally provide for payments to be made in installments over the license period and payment terms for perpetual licenses generally are net 30 days.

Our revenue recognition depends on a number of contract-specific terms and conditions, including the license type, payment terms, creditworthiness of the customer and other factors as more fully described in this Annual Report under the heading **Critical Accounting Estimates** under Item 7, **Management's Discussion and Analysis of Financial Condition and Results of Operations**. Revenue associated with subscription licenses is recognized over multiple periods during the license term, whereas product revenue associated with term and perpetual licenses is generally recognized upon the later of the effective date of the license or delivery of the product, assuming all other criteria for revenue recognition have been met. The amount of product revenue recognized from backlog varies from quarter to quarter. For the past three years the amount of product revenue recognized from backlog generally has been approximately two-thirds of total product revenue.

Our revenue and results of operations may miss expectations due to a shortfall in product revenue generated from current transactions or variance in the actual mix of license types executed in any given period, and due to other contract-specific terms and conditions as discussed above. We are subject to greater credit risk on subscription and term licenses, as compared to perpetual licenses, due to the installment payment terms generally associated with those license types. Otherwise, the particular risks of one license type versus another type do not vary considerably.

From time to time we sell receivables generated by our licenses with installment payment terms to third party financing institutions on a non-recourse or limited-recourse basis.

For a further description of our license agreements, revenue recognition policies and results of operations, please refer to the discussion under the heading **Critical Accounting Estimates** under Item 7, **Management's Discussion and Analysis of Financial Condition and Results of Operations**.

### **Research and Development**

Our investment in research and development was \$494.0 million in 2007, \$460.1 million in 2006 and \$390.7 million in 2005.

The primary areas of our research and development include SoC design, the design of silicon devices in the nanometer range, high-performance IC packaging, SiP and PCB design, system-level modeling and verification, high-performance logic verification technology and hardware/software co-verification. Because the electronics industry combines rapid innovation with rapidly increasing design and manufacturing complexity, we make significant investments in enhancing our current products, as well as creating new products and technologies and integrating those products and technologies together into segmented solutions.

Our future performance depends largely on our ability to maintain and enhance our current product development and commercialization, to develop, acquire or operate with new products from third parties, and to develop solutions that meet increasingly demanding productivity, quality, predictability and cost requirements. In addition to our product

development team, which focuses on new and existing products, we maintain Cadence Laboratories, an advanced research group responsible for exploring new technologies, moving those technologies into product development and maintaining strong industry relationships.

### **Manufacturing and Distribution**

Our software production consists of configuring the customer's order, recording the product electronically or on CD-ROM, and producing unique access keys that allow customers to use licensed products. Software and documentation are primarily distributed to customers by secure electronic delivery. User manuals and other

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documentation are generally available by secure electronic delivery or on CD-ROM, but are occasionally supplied in hard copy format.

Cadence performs final assembly and test of its hardware verification, acceleration and emulation products in San Jose, California. Subcontractors manufacture all major subassemblies, including all individual PCBs and custom ICs, and supply them for qualification and testing prior to their incorporation into the assembled product.

## **Proprietary Technology**

Our success depends, in part, upon our proprietary technology. We generally rely on patents, copyrights, trademarks, trade secret laws, licenses and restrictive agreements to establish and protect our proprietary rights in technology and products. Many of our products include software or other intellectual property licensed from third parties. We may have to seek new licenses or renew existing licenses for this third party software and other intellectual property in the future. As part of performing design and methodology services for customers, our design and methodology services business uses certain software and other intellectual property licensed from third parties, including that of our competitors.

## **Competition**

We compete in the EDA market for products and maintenance primarily with three companies: Synopsys, Inc., Mentor Graphics Corporation and Magma Design Automation, Inc. We also compete with numerous smaller EDA companies, with manufacturers of electronic devices that have developed or have the capability to develop their own EDA products, and with numerous electronics design and consulting companies. We generally compete on the basis of product quality, product features, level of integration or compatibility with other tools, price, payment terms and maintenance offerings.

Our maintenance business flows directly from our product business. The competitive issues associated with our maintenance business are substantially similar to those for our product business in that every maintenance contract is the direct result of a product contract, and once we have entered into a product contract, maintenance is generally purchased by the customer to ensure access to bug fixes and service releases, as and when they are made available, and other continued support.

Certain competitive factors in the design and methodology services business as described herein differ from those of the products and maintenance businesses. While we do compete with other EDA companies in the design and methodology services business, our principal competitors are independent design and methodology service businesses. These companies vary greatly in focus, geographic location, capability, cost structure and pricing. In addition, manufacturers of electronic devices may be reluctant to purchase services from independent vendors, such as Cadence, because they wish to promote their own internal design departments. We compete with these companies by focusing on the design of complex analog and digital ICs. It is our strategy to use design and methodology services as a differentiator to further promote our products and maintenance businesses.

## **Backlog**

Our backlog on December 29, 2007 was approximately \$2.0 billion, as compared to approximately \$1.9 billion on December 30, 2006. Backlog consists of revenue to be recognized in future fiscal periods after December 29, 2007 from a variety of license types which generally include, but are not limited to:

- Subscription licenses for software products;
- Sale or lease of hardware;

Maintenance contracts on hardware and software products;  
Orders for hardware and software products sold on perpetual and term licenses on which customers have delivery dates after December 29, 2007;  
Licenses with payments that are outside our customary terms; and  
The undelivered portion of design and methodology services contracts.

The substantial majority of our backlog is generated by our product and maintenance businesses because customer licenses generally include both product and maintenance components. Historically, we have not experienced significant cancellations of our contracts with customers. However, we occasionally reschedule the required completion dates of design and methodology services contracts which, at times, defers revenue recognition

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under those contracts beyond the original expected completion date. Changes in customer license types or payment terms also can impact the timing of revenue recognition.

### **Revenue Seasonality**

Historically, orders and revenue have been lowest in our first quarter and highest in our fourth quarter, with a material decline between the fourth quarter of one year and the first quarter of the next year. We expect the first quarter will remain our lowest quarter for orders and revenues.

### **International Operations**

We have approximately 60 sales offices, design centers and research and development facilities located around the world. We consider customer sales and support requirements, the availability of a skilled workforce, and costs and efficiencies, among other relative benefits, when determining what operations to locate internationally. For additional information regarding our international operations, see the discussion under the heading *The effect of foreign exchange rate fluctuations and other risks to our international operations may seriously harm our financial condition* in Item 1A, Risk Factors and Note 22 to our Consolidated Financial Statements.

### **Employees**

As of December 29, 2007, we employed approximately 5,300 individuals, with approximately 2,000 in sales, services, marketing, support and manufacturing activities, approximately 2,600 in product research and development and approximately 700 in management, administration and finance. None of our employees is represented by a labor union, and we have experienced no work stoppages. We believe that our employee relations are good.

### **Item 1A. Risk Factors**

*Our business faces many risks. Described below are what we believe to be the material risks that we face. If any of the events or circumstances described in the following risks actually occurs, our business, financial condition or results of operations could suffer.*

#### **Risks Related to Our Business**

*We are subject to the cyclical nature of the integrated circuit and electronics systems industries, and any downturn in these industries may reduce our revenue.*

Purchases of our products and services are dependent upon the commencement of new design projects by IC manufacturers and electronics systems companies. The IC and electronics systems industries are cyclical and are characterized by constant and rapid technological change, rapid product obsolescence and price erosion, evolving standards, short product life cycles and wide fluctuations in product supply and demand.

The IC and electronics systems industries have experienced significant downturns, often connected with, or in anticipation of, maturing product cycles of both these industries and their customers' products and a decline in general economic conditions. These downturns have been characterized by diminished product demand, production overcapacity, high inventory levels and accelerated erosion of average selling prices. Any economic downturn in the industries we serve could harm our business, operating results or financial condition.

*Our failure to respond quickly to technological developments could make our products uncompetitive and obsolete.*



The industries in which we compete experience rapid technology developments, changes in industry standards, changes in customer requirements and frequent new product introductions and improvements. Currently, the industries we serve are experiencing several revolutionary trends:

Migration to nanometer design: the size of features such as wires, transistors and contacts on ICs continuously shrink due to the ongoing advances in semiconductor manufacturing processes. Process feature sizes refer to the width of the transistors and the width and spacing of interconnect on the IC. Feature size is normally identified by the transistor length, which is shrinking rapidly to 65 nanometers and smaller. This is commonly referred to in the semiconductor industry as the migration to nanometer design. It represents a major challenge for participants in the semiconductor industry, from IC design and

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design automation to design of manufacturing equipment and the manufacturing process itself. Shrinkage of transistor length to such proportions is challenging the industry in the application of more complex physics and chemistry that is needed to realize advanced silicon devices. For EDA tools, models of each component's electrical properties and behavior become more complex as do requisite analysis, design and verification capabilities. Novel design tools and methodologies must be invented quickly to remain competitive in the design of electronics in the smallest nanometer ranges.

The challenges of nanometer design are leading some customers to work with older, less risky manufacturing processes. This may reduce their need to upgrade their EDA products and design flows. The ability to design system-on-a-chip devices, or SoCs, increases the complexity of managing a design that, at the lowest level, is represented by billions of shapes on the fabrication mask. In addition, SoCs typically incorporate microprocessors and digital signal processors that are programmed with software, requiring simultaneous design of the IC and the related software embedded on the IC.

With the availability of seemingly endless gate capacity, there is an increase in design reuse, or the combining of off-the-shelf design IP with custom logic to create ICs. The unavailability of high-quality design IP that can be reliably incorporated into a customer's design with Cadence IC implementation products and services could reduce demand for our products and services.

Increased technological capability of the Field-Programmable Gate Array, which is a programmable logic chip, creates an alternative to IC implementation for some electronics companies. This could reduce demand for Cadence's IC implementation products and services.

A growing number of low-cost design and methodology services businesses could reduce the need for some IC companies to invest in EDA products.

If we are unable to respond quickly and successfully to these developments, we may lose our competitive position, and our products or technologies may become uncompetitive or obsolete. To compete successfully, we must develop or acquire new products and improve our existing products and processes on a schedule that keeps pace with technological developments and the requirements for products addressing a broad spectrum of designers and designer expertise in our industries. We must also be able to support a range of changing computer software, hardware platforms and customer preferences. We cannot guarantee that we will be successful in this effort.

***We have experienced varied operating results, and our operating results for any particular fiscal period are affected by the timing of significant orders for our software products, fluctuations in customer preferences for license types and the timing of revenue recognition under those license types.***

We have experienced, and may continue to experience, varied operating results. In particular, we have experienced net losses for some past periods and we may experience net losses in future periods. Various factors affect our operating results and some of them are not within our control. Our operating results for any period are affected by the timing of significant orders for our software products because a significant number of licenses for our software products are in excess of \$5.0 million.

Our operating results are also affected by the mix of license types executed in any given period. We license software using three different license types: subscription, term and perpetual. Product revenue associated with term and perpetual licenses is generally recognized at the beginning of the license period, whereas product revenue associated with subscription licenses is recognized over multiple periods during the term of the license. Revenue may also be deferred under term and perpetual licenses until payments become due and payable from customers with nonlinear payment terms or as cash is collected from customers with lower credit ratings. In addition, revenue is impacted by the timing of license renewals, the extent to which contracts contain flexible payment terms, changes in existing contractual arrangements with customers and the mix of license types (i.e., perpetual, term or subscription) for existing customers, which changes could have the effect of accelerating or delaying the recognition of revenue from the timing of recognition under the original contract.

We plan operating expense levels primarily based on forecasted revenue levels. These expenses and the impact of long-term commitments are relatively fixed in the short term. A shortfall in revenue could lead to operating results below expectations because we may not be able to quickly reduce these fixed expenses in response to these short-term business changes.

The majority of our contracts are executed in the final two weeks of a fiscal quarter. This makes it difficult to determine with accuracy how much business will be executed in each fiscal quarter. Due to the volume or

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complexity of transactions that we review at the very end of the quarter, or due to operational matters regarding particular agreements, we may not finish processing or ship products under some contracts that have been signed during that fiscal quarter, which means that the associated revenue cannot be recognized in that particular period.

You should not view our historical results of operations as reliable indicators of our future performance. If revenue, operating results or our business outlook for future periods fall short of the levels expected by public market analysts or investors, the trading price of our common stock could decline.

***Our future revenue is dependent in part upon our installed customer base continuing to license or buy additional products, renew maintenance agreements and purchase additional services.***

Our installed customer base has traditionally generated additional new license, service and maintenance revenues. In future periods, customers may not necessarily license or buy additional products or contract for additional services or maintenance. Maintenance is generally renewable annually at a customer's option, and there are no mandatory payment obligations or obligations to license additional software. If our customers decide not to renew their maintenance agreements or license additional products or contract for additional services, or if they reduce the scope of the maintenance agreements, our revenue could decrease, which could have an adverse effect on our results of operations.

***We may not receive significant revenue from our current research and development efforts for several years, if at all.***

Internally developing software products, integrating acquired software products and integrating intellectual property into existing platforms is expensive, and these investments often require a long time to generate returns. Our strategy involves significant investments in software research and development and related product opportunities. We believe that we must continue to dedicate a significant amount of resources to our research and development efforts to maintain our competitive position. However, we cannot predict that we will receive significant, if any, revenue from these investments.

***Our failure to attract, train, motivate and retain key employees may make us less competitive in our industries and therefore harm our results of operations.***

Our business depends on the efforts and abilities of our employees. The high cost of training new employees, not fully utilizing these employees, or losing trained employees to competing employers could reduce our gross margins and harm our business or operating results. Competition for highly skilled employees can be intense, particularly in geographic areas recognized as high technology centers such as the Silicon Valley area, where our principal offices are located, and the other locations where we maintain facilities. To attract, retain and motivate individuals with the requisite expertise, we may be required to grant large numbers of stock options or other stock-based incentive awards, which may be dilutive to existing stockholders and increase compensation expense. We may also be required to pay key employees significant base salaries and cash bonuses, which could harm our operating results.

In addition, the NASDAQ Marketplace Rules require stockholder approval for new equity compensation plans and significant amendments to existing plans, including increases in shares available for issuance under such plans, and prohibit NASDAQ member organizations from giving a proxy to vote on equity compensation plans unless the beneficial owner of the shares has given voting instructions. These regulations could make it more difficult for us to grant equity compensation to employees in the future. To the extent that these regulations make it more difficult or expensive to grant equity compensation to employees, we may incur increased compensation costs or find it difficult to attract, retain and motivate employees, which could materially and adversely affect our business.

***We have acquired and expect to acquire other companies and businesses and may not realize the expected benefits of these acquisitions.***

We have acquired and expect to acquire other companies and businesses in the future. While we expect to carefully analyze each potential acquisition before committing to the transaction, we may not be able to integrate and manage acquired products and businesses effectively. In addition, acquisitions involve a number of risks. If any

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of the following events occurs after we acquire another business, it could seriously harm our business, operating results or financial condition:

- Difficulties in combining previously separate businesses into a single unit;
- The substantial diversion of management's attention from day-to-day business when evaluating and negotiating these transactions and integrating an acquired business;
- The discovery, after completion of the acquisition, of liabilities assumed from the acquired business or of assets acquired for which we cannot realize the anticipated value;
- The failure to realize anticipated benefits such as cost savings and revenue enhancements;
- The failure to retain key employees of the acquired business;
- Difficulties related to integrating the products of an acquired business in, for example, distribution, engineering and customer support areas;
- Unanticipated costs;
- Customer dissatisfaction with existing license agreements with Cadence which may dissuade them from licensing or buying products acquired by Cadence after the effective date of the license; and
- The failure to understand and compete effectively in markets in which we have limited experience.

In a number of our previously completed acquisitions, we have agreed to make future payments, either in the form of employee bonuses or contingent purchase price payments, or earnouts, based on the performance of the acquired businesses or the employees who joined us with the acquired businesses. The performance goals pursuant to which these future payments may be made generally relate to achievement by the acquired business or the employees who joined us with the acquired business of certain specified bookings, revenue, product proliferation, product development or employee retention goals during a specified period following completion of the applicable acquisition. Future acquisitions may involve issuances of stock as full or partial payment of the purchase price for the acquired business, grants of incentive stock or options to employees of the acquired businesses (which may be dilutive to existing stockholders), expenditure of substantial cash resources or the incurrence of material amounts of debt.

The specific performance goal levels and amounts and timing of employee bonuses or contingent purchase price payments vary with each acquisition. In connection with our acquisitions completed prior to December 29, 2007, we may be obligated to pay up to an aggregate of \$45.0 million in cash during the next 53 months if certain performance goals related to one or more of the criteria mentioned above are achieved in full.

***The competition in our industries is substantial and we may not be able to continue to successfully compete in our industries.***

The EDA market and the commercial electronics design and methodology services industries are highly competitive. If we fail to compete successfully in these industries, it could seriously harm our business, operating results or financial condition. To compete in these industries, we must identify and develop or acquire innovative and cost-competitive EDA products, integrate them into platforms and market them in a timely manner. We must also gain industry acceptance for our design and methodology services and offer better strategic concepts, technical solutions, prices and response time, or a combination of these factors, than those of other design companies and the internal design departments of electronics manufacturers. We cannot assure you that we will be able to compete successfully in these industries. Factors that could affect our ability to succeed include:

- The development by others of competitive EDA products or platforms and design and methodology services, which could result in a shift of customer preferences away from our products and services and significantly decrease revenue;
- Decisions by electronics manufacturers to perform design and methodology services internally, rather than purchase these services from outside vendors due to budget constraints or excess engineering capacity;

The challenges of developing (or acquiring externally-developed) technology solutions that are adequate and competitive in meeting the requirements of next-generation design challenges;  
The significant number of current and potential competitors in the EDA industry and the low cost of entry;  
Intense competition to attract acquisition targets, which may make it more difficult for us to acquire companies or technologies at an acceptable price or at all; and

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The combination of or collaboration among many EDA companies to deliver more comprehensive offerings than they could individually.

We compete in the EDA products market with Synopsys, Inc., Mentor Graphics Corporation and Magma Design Automation, Inc. We also compete with numerous smaller EDA companies, with manufacturers of electronic devices that have developed or have the capability to develop their own EDA products, and with numerous electronics design and consulting companies. Manufacturers of electronic devices may be reluctant to purchase design and methodology services from independent vendors such as us because they wish to promote their own internal design departments.

### ***We may need to change our pricing models to compete successfully.***

The highly competitive markets in which we compete can put pressure on us to reduce the prices of our products. If our competitors offer deep discounts on certain products in an effort to recapture or gain market segment share or to sell other software or hardware products, we may then need to lower our prices or offer other favorable terms to compete successfully. Any such changes would be likely to reduce our profit margins and could adversely affect our operating results. Any substantial changes to our prices and pricing policies could cause sales and software license revenues to decline or be delayed as our sales force implements and our customers adjust to the new pricing policies. Some of our competitors may bundle products for promotional purposes or as a long-term pricing strategy or provide guarantees of prices and product implementations. These practices could, over time, significantly constrain the prices that we can charge for our products. If we cannot offset price reductions with a corresponding increase in the number of sales or with lower spending, then the reduced license revenues resulting from lower prices could have an adverse effect on our results of operations.

### ***We rely on our proprietary technology as well as software and other intellectual property rights licensed to us by third parties, and we cannot assure you that the precautions taken to protect our rights will be adequate or that we will continue to be able to adequately secure such intellectual property rights from third parties.***

Our success depends, in part, upon our proprietary technology. We generally rely on patents, copyrights, trademarks, trade secret laws, licenses and restrictive agreements to establish and protect our proprietary rights in technology and products. Despite precautions we may take to protect our intellectual property, third parties have tried in the past, and may try in the future, to challenge, invalidate or circumvent these safeguards. The rights granted under our patents or attendant to our other intellectual property may not provide us with any competitive advantages and there is no guarantee that patents will be issued on any of our pending applications and future patents may not be sufficiently broad to protect our technology. Furthermore, the laws of foreign countries may not protect our proprietary rights in those countries to the same extent as applicable law protects these rights in the United States. Many of our products include software or other intellectual property licensed from third parties. We may have to seek new or renew existing licenses for such software and other intellectual property in the future. Our design and methodology services business holds licenses to certain software and other intellectual property owned by third parties, including that of our competitors. Our failure to obtain, for our use, software or other intellectual property licenses or other intellectual property rights on favorable terms, or the need to engage in litigation over these licenses or rights, could seriously harm our business, operating results or financial condition.

### ***We could lose key technology or suffer serious harm to our business because of the infringement of our intellectual property rights by third parties or because of our infringement of the intellectual property rights of third parties.***

There are numerous patents in the EDA industry and new patents are being issued at a rapid rate. It is not always practicable to determine in advance whether a product or any of its components infringes the patent rights of others. As a result, from time to time, we may be compelled to respond to or prosecute intellectual property infringement claims to protect our rights or defend a customer's rights.



Intellectual property infringement claims, regardless of merit, could consume valuable management time, result in costly litigation, or cause product shipment delays, all of which could seriously harm our business, operating results or financial condition. In settling these claims, we may be required to enter into royalty or licensing agreements with the third parties claiming infringement. These royalty or licensing agreements, if

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available, may not have terms favorable to us. Being compelled to enter into a license agreement with unfavorable terms could seriously harm our business, operating results or financial condition. Any potential intellectual property litigation could compel us to do one or more of the following:

- Pay damages (including the potential for treble damages), license fees or royalties (including royalties for past periods) to the party claiming infringement;
- Stop licensing products or providing services that use the challenged intellectual property;
- Obtain a license from the owner of the infringed intellectual property to sell or use the relevant technology, which license may not be available on reasonable terms, or at all; or
- Redesign the challenged technology, which could be time-consuming and costly, or not be accomplished.

If we were compelled to take any of these actions, our business or results of operations may suffer.

***If our security measures are breached and an unauthorized party obtains access to customer data, our information systems may be perceived as being unsecure and customers may curtail or stop their use of our products and services.***

Our products and services involve the storage and transmission of customers' proprietary information, and breaches of our security measures could expose us to a risk of loss or misuse of this information, litigation and potential liability. Because techniques used to obtain unauthorized access or to sabotage information systems change frequently and generally are not recognized until launched against a target, we may be unable to anticipate these techniques or to implement adequate preventive measures. If an actual or perceived breach of our security occurs, the market perception of the effectiveness of our security measures could be harmed and we could lose existing customers and our ability to obtain new customers.

***We may not be able to effectively implement our restructuring activities, and our restructuring activities may not result in the expected benefits, which would negatively impact our future results of operations.***

The EDA market and the commercial electronics design and methodology services industries are highly competitive and change quickly. We have responded to increased competition and changes in the industries in which we compete, in part, by restructuring our operations and at times reducing the size of our workforce. Despite our restructuring efforts in prior years, we may not achieve all of the operating expense reductions and improvements in operating margins and cash flows anticipated from those restructuring activities in the periods contemplated. Our inability to realize these benefits may result in an inefficient business structure that could negatively impact our results of operations.

We have reduced the workforce in certain revenue-generating portions of our business. These reductions in staffing levels could require us to forego certain future opportunities due to resource limitations, which could negatively affect our long-term revenues. We may need to implement further restructuring activities or reductions in our workforce based on changes in the markets and industries in which we compete or that any future restructuring efforts will be successful.

***The long sales cycle of our products and services makes the timing of our revenue difficult to predict and may cause our operating results to fluctuate unexpectedly.***

Generally, we have a long sales cycle that can extend up to six months or longer. The length of the sales cycle may cause our revenue or operating results to vary from quarter to quarter. The complexity and expense associated with our business generally require a lengthy customer education, evaluation and approval process. Consequently, we may incur substantial expenses and devote significant management effort and expense to develop potential relationships

that do not result in agreements or revenue and may prevent us from pursuing other opportunities.

In addition, sales of our products and services may be delayed if customers delay approval or commencement of projects because of:

The timing of customers' competitive evaluation processes; or  
Customers' budgetary constraints and budget cycles.

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Long sales cycles for acceleration and emulation hardware products subject us to a number of significant risks over which we have limited control, including insufficient, excess or obsolete inventory, variations in inventory valuation and fluctuations in quarterly operating results.

The majority of our contracts are executed in the final two weeks of a fiscal quarter. This makes it difficult to determine with accuracy how much business will be executed in each fiscal quarter. Also, because of the timing of large orders and our customers' buying patterns, we may not learn of bookings shortfalls, revenue shortfalls, earnings shortfalls or other failures to meet market expectations until late in a fiscal quarter. These factors may cause our operating results to fluctuate unexpectedly, which can cause significant fluctuations in the trading price of our common stock.

***We may not be able to sell certain installment contracts to generate cash, which may impact our operating cash flows for any particular fiscal period.***

We sell certain installment contracts to certain financing institutions on a non-recourse or limited-recourse basis to generate cash. Our ability to complete these sales of installment contracts is affected by a number of factors, including the:

- Economic conditions in the securities markets;
- Credit policies of the financing institutions; and
- Credit quality of customers whose installment contracts are expected to be sold.

If we are unable to sell certain installment contracts, our operating cash flows would be adversely affected. There can be no assurance that funding will be available to us or, if available, that it will be on terms acceptable to us. If sources of funding are not available to us on a regular basis for any reason, including the occurrence of events of default, deterioration in credit quality in the underlying pool of receivables or otherwise, it would have a material adverse effect on our operating cash flows.

***The effect of foreign exchange rate fluctuations and other risks to our international operations may seriously harm our financial condition.***

We have significant operations outside the United States. Our revenue from international operations as a percentage of total revenue was approximately 54% in 2007, 48% in 2006 and 54% in 2005. We expect that revenue from our international operations will continue to account for a significant portion of our total revenue. We also transact business in various foreign currencies. Recent economic and political uncertainty and the volatility of foreign currencies in certain regions, most notably the Japanese yen, European Union euro, British pound and Indian rupee have had, and may in the future have, a harmful effect on our revenue or operating results.

Fluctuations in the rate of exchange between the United States dollar and the currencies of other countries in which we conduct business could seriously harm our business, operating results or financial condition. For example, when a foreign currency declines in value relative to the United States dollar, it takes more of the foreign currency to purchase the same amount of United States dollars than before the change. If we price our products and services in the foreign currency, we receive fewer United States dollars than we did before the change. If we price our products and services in United States dollars, the decrease in value of the local currency results in an increase in the price for our products and services compared to those products of our competitors that are priced in local currency. This could result in our prices being uncompetitive in markets where business is transacted in the local currency. On the other hand, when a foreign currency increases in value relative to the United States dollar, it takes more United States dollars to purchase the same amount of the foreign currency. As we use the foreign currency to pay for payroll costs and other operating

expenses in our international operations, this results in an increase in operating expenses.

Exposure to foreign currency transaction risk can arise when transactions are conducted in a currency different from the functional currency of one of our subsidiaries. A subsidiary's functional currency is generally the currency in which it primarily conducts its operations, including product pricing, expenses and borrowings. Although we attempt to reduce the impact of foreign currency fluctuations, significant exchange rate movements may hurt our results of operations as expressed in United States dollars.

Our international operations may also be subject to other risks, including:

- The adoption or expansion of government trade restrictions;
- Limitations on repatriation of earnings;

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Limitations on the conversion of foreign currencies;  
Reduced protection of intellectual property rights in some countries;  
Recessions in foreign economies;  
Longer collection periods for receivables and greater difficulty in collecting accounts receivable;  
Difficulties in managing foreign operations;  
Political and economic instability;  
Unexpected changes in regulatory requirements;  
Tariffs and other trade barriers; and  
United States and other governments' licensing requirements for exports, which may lengthen the sales cycle or restrict or prohibit the sale or licensing of certain products.

We have offices throughout the world, including key research and development facilities outside of the United States. Our operations are dependent upon the connectivity of our operations throughout the world. Activities that interfere with our international connectivity, such as computer hacking or the introduction of a virus into our computer systems, could significantly interfere with our business operations.

***Our operating results could be adversely affected as a result of changes in our effective tax rates.***

Our future effective tax rates could be adversely affected by the following:

Earnings being lower than anticipated in countries where we are taxed at lower rates as compared to the United States federal and state statutory tax rates;  
An increase in expenses not deductible for tax purposes, including certain stock-based compensation, write-offs of acquired in-process technology and impairment of goodwill;  
Changes in the valuation of our deferred tax assets;  
Changes in tax laws or the interpretation of such tax laws;  
Changes in judgment from the evaluation of new information that results in a recognition, derecognition, or change in measurement of a tax position taken in a prior period;  
Increases to interest expenses classified in the financial statements as income taxes;  
New accounting standards or interpretations of such standards;  
A change in our decision to indefinitely reinvest foreign earnings outside the United States; or  
Results of tax examinations by the Internal Revenue Service, or IRS, and state and foreign tax authorities.

Any significant change in our future effective tax rates could adversely impact our results of operations for future periods.

***We have received examination reports from the Internal Revenue Service proposing deficiencies in certain of our tax returns, and the outcome of current and future tax examinations may have a material adverse effect on our results of operations and cash flows.***

The IRS and other tax authorities regularly examine our income tax returns. In July 2006, the IRS completed its field examination of our federal income tax returns for the tax years 2000 through 2002 and issued an RAR in which the IRS proposed to assess an aggregate tax deficiency for the three-year period of approximately \$324.0 million. In November 2006, the IRS revised the proposed aggregate tax deficiency for the three-year period to be approximately \$318.0 million. The IRS is contesting our qualification for deferred recognition of certain proceeds received from restitution and settlement in connection with litigation during the period. The proposed tax deficiency for this item is approximately \$152.0 million. The remaining proposed tax deficiency of approximately \$166.0 million is primarily related to proposed adjustments to our transfer pricing arrangements that we had with foreign subsidiaries and to our deductions for foreign trade income. The IRS may make similar claims against our transfer pricing arrangements and

deductions for foreign trade income in future examinations. We have filed a timely protest with the IRS and will seek resolution of the issues through the Appeals Office of the IRS, or the Appeals Office.

We believe that the proposed IRS adjustments are inconsistent with applicable tax laws and we are vigorously challenging these proposed adjustments. The RAR is not a final Statutory Notice of Deficiency but the IRS imposes interest on the proposed deficiencies until the matters are resolved. Interest is compounded daily at rates published

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by the IRS, which rates are adjusted quarterly and have been between 4% and 10% since 2001. The IRS is currently examining our federal income tax returns for the tax years 2003 through 2005.

We adopted the provisions of the Financial Accounting Standards Board, or FASB, Interpretation, or FIN, No. 48,

Accounting for Uncertainty in Income Taxes An Interpretation of FASB Statement No. 109, on December 31, 2006, which was the first day of our 2007 fiscal year. FIN No. 48 prescribes a new recognition threshold and measurement attribute for the financial statement recognition and measurement of an income tax position taken or expected to be taken in a tax return. Under FIN No. 48, only income tax positions that meet the more likely than not recognition threshold may be recognized in the financial statements. An income tax position that meets the more likely than not recognition threshold shall initially and subsequently be measured as the largest amount of tax benefit that is greater than 50% likely of being realized upon effective settlement with a taxing authority that has full knowledge of all relevant information.

Significant judgment is required in applying the principles of FIN No. 48 and Statement of Financial Accounting Standard, or SFAS, No. 109. The calculation of our provision for income taxes involves dealing with uncertainties in the application of complex tax laws and regulations. In determining the adequacy of our provision for income taxes, we regularly assess the potential settlement outcomes resulting from income tax examinations. However, the final outcome of tax examinations, including the total amount payable or the timing of any such payments upon resolution of these issues, cannot be estimated with certainty. In addition, we cannot be certain that such amount will not be materially different than that which is reflected in our historical income tax provisions and accruals. Should the IRS or other tax authorities assess additional taxes as a result of a current or a future examination, we may be required to record charges to operations in future periods that could have a material impact on the results of operations, financial position or cash flows in the applicable period or periods.

***Forecasting our estimated annual effective tax rate is complex and subject to uncertainty, and material differences between forecasted and actual tax rates could have a material impact on our results of operations.***

Forecasts of our income tax position and resultant effective tax rate are complex and subject to uncertainty because our income tax position for each year combines the effects of a mix of profits and losses earned by us and our subsidiaries in tax jurisdictions with a broad range of income tax rates, as well as benefits from available deferred tax assets, the impact of various accounting rules and changes to these rules and results of tax audits. To forecast our global tax rate, pre-tax profits and losses by jurisdiction are estimated and tax expense by jurisdiction is calculated. If the mix of profits and losses, our ability to use tax credits, or effective tax rates by jurisdiction is different than those estimates, our actual tax rate could be materially different than forecasted, which could have a material impact on our results of operations.

***Failure to obtain export licenses could harm our business by rendering us unable to ship products and transfer our technology outside of the United States.***

We must comply with regulations of the United States and of certain other countries in shipping our software products and transferring our technology outside the United States and to foreign nationals. Although we have not had any significant difficulty complying with such regulations so far, any significant future difficulty in complying could harm our business, operating results or financial condition.

***Errors or defects in our products and services could expose us to liability and harm our reputation.***

Our customers use our products and services in designing and developing products that involve a high degree of technological complexity, each of which has its own specifications. Because of the complexity of the systems and products with which we work, some of our products and designs can be adequately tested only when put to full use in



the marketplace. As a result, our customers or their end users may discover errors or defects in our software or the systems we design, or the products or systems incorporating our design and intellectual property may not operate as expected. Errors or defects could result in:

- Loss of customers;
- Loss of market segment share;
- Failure to attract new customers or achieve market acceptance;
- Diversion of development resources to resolve the problem;

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Loss of or delay in revenue;  
Increased service costs; and  
Liability for damages.

***If we become subject to unfair hiring claims, we could be prevented from hiring needed employees, incur liability for damages and incur substantial costs in defending ourselves.***

Companies in our industry whose employees accept positions with competitors frequently claim that these competitors have engaged in unfair hiring practices or that the employment of these persons would involve the disclosure or use of trade secrets. These claims could prevent us from hiring employees or cause us to incur liability for damages. We could also incur substantial costs in defending ourselves or our employees against these claims, regardless of their merits. Defending ourselves from these claims could also divert the attention of our management away from our operations.

***Our business is subject to the risk of earthquakes.***

Our corporate headquarters, including certain of our research and development operations and certain of our distribution facilities, is located in the Silicon Valley area of Northern California, which is a region known to experience seismic activity. If significant seismic activity were to occur, our operations may be interrupted, which would adversely impact our business and results of operations.

***We maintain research and development and other facilities in parts of the world that are not as politically stable as the United States, and as a result we may face a higher risk of business interruption from acts of war or terrorism than businesses located only or primarily in the United States.***

We maintain international research and development and other facilities, some of which are in parts of the world that are not as politically stable as the United States. Consequently, we may face a greater risk of business interruption as a result of terrorist acts or military conflicts than businesses located domestically. Furthermore, this potential harm is exacerbated given that damage to or disruptions at our international research and development facilities could have an adverse effect on our ability to develop new or improve existing products as compared to other businesses which may only have sales offices or other less critical operations abroad. We are not insured for losses or interruptions caused by acts of war or terrorism.

## **Risks Related to Our Securities and Indebtedness**

***Our debt obligations expose us to risks that could adversely affect our business, operating results or financial condition, and could prevent us from fulfilling our obligations under such indebtedness.***

We have a substantial level of debt. As of December 29, 2007, we had \$730.4 million of outstanding indebtedness as follows:

\$250.0 million related to our 1.375% Convertible Senior Notes Due 2011, or the 2011 Notes;  
\$250.0 million related to our 1.500% Convertible Senior Notes Due 2013, or the 2013 Notes and, together with the 2011 Notes, the Convertible Senior Notes; and  
\$230.4 million related to our Zero Coupon Zero Yield Senior Convertible Notes Due 2023, or the 2023 Notes.

The level of our indebtedness, among other things, could:

Make it difficult for us to satisfy our payment obligations on our debt as described below;  
Make us more vulnerable in the event of a downturn in our business;  
Reduce funds available for use in our operations;  
Make it difficult for us to incur additional debt or obtain any necessary financing in the future for working capital, capital expenditures, debt service, acquisitions or general corporate purposes;  
Limit our flexibility in planning for or reacting to changes in our business;  
Make us more vulnerable in the event of an increase in interest rates if we must incur new debt to satisfy our obligations under the Convertible Senior Notes or the 2023 Notes; or  
Place us at a possible competitive disadvantage relative to less leveraged competitors and competitors that have greater access to capital resources.

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If we experience a decline in revenue due to any of the factors described in this section entitled Risk Factors, or otherwise, we could have difficulty paying amounts due on our indebtedness. In the case of the 2023 Notes, although they mature in 2023, the holders of the 2023 Notes may require us to repurchase for cash all or any portion of the 2023 Notes on August 15, 2008 for 100.25% of the principal amount, August 15, 2013 for 100.00% of the principal amount and August 15, 2018 for 100.00% of the principal amount. As a result, although the 2023 Notes mature in 2023, the holders may require us to repurchase the 2023 Notes at an additional premium in 2008, which makes it probable that we will be required to repurchase the 2023 Notes in 2008 if they have not first been repurchased by us or are not otherwise converted.

If we are prohibited from paying our outstanding indebtedness, we could try to obtain the consent of the lenders under those arrangements to make such payment, or we could attempt to refinance the borrowings that contain the restrictions. If we do not obtain the necessary consents or refinance the borrowings, we may be unable to satisfy our outstanding indebtedness. Any such failure would constitute an event of default under our indebtedness, which could, in turn, constitute a default under the terms of any other indebtedness then outstanding.

If we are unable to generate sufficient cash flow or otherwise obtain funds necessary to make required payments, or if we fail to comply with the various requirements of our indebtedness, we would be in default, which would permit the holders of our indebtedness to accelerate the maturity of the indebtedness and could cause defaults under our other indebtedness as well. Any default under our indebtedness could have a material adverse effect on our business, operating results and financial condition. In addition, a material default on our indebtedness could suspend our eligibility to register securities using certain registration statement forms under SEC guidelines that permit incorporation by reference of substantial information regarding us, which could potentially hinder our ability to raise capital through the issuance of our securities and will increase the costs of such registration to us.

In August 2007, the FASB issued Proposed FASB Staff Position, or FSP, APB14-a, Accounting for Convertible Debt Instruments That May Be Settled in Cash upon Conversion (Including Partial Cash Settlement), which, if issued in its present form, would require us to recognize additional non-cash interest expense related to our Convertible Senior Notes in our Consolidated Income Statements. If adopted in its present form, FSP APB 14-a will have an adverse effect on our operating results and financial condition, particularly with respect to interest expense ratios commonly referred to by lenders, and could potentially hinder our ability to raise capital through the issuance of debt or equity securities.

### ***Conversion of the 2023 Notes or the Convertible Senior Notes will dilute the ownership interests of existing stockholders.***

The terms of the 2023 Notes and the Convertible Senior Notes permit the holders to convert the 2023 Notes and the Convertible Senior Notes into shares of our common stock. The 2023 Notes are convertible into our common stock initially at a conversion price of \$15.65 per share, which would result in an aggregate of approximately 14.7 million shares of our common stock being issued upon conversion, subject to adjustment upon the occurrence of specified events. The terms of the Convertible Senior Notes stipulate a net share settlement, which upon conversion of the Convertible Senior Notes requires us to pay the principal amount in cash and the conversion premium, if any, in shares of our common stock based on a daily settlement amount, calculated on a proportionate basis for each day of the relevant 20 trading-day observation period. The initial conversion rate for the Convertible Senior Notes is 47.2813 shares of our common stock per \$1,000 principal amount of Convertible Senior Notes, equivalent to a conversion price of approximately \$21.15 per share of our common stock. The conversion price is subject to adjustment in some events but will not be adjusted for accrued interest, except in limited circumstances. The conversion of some or all of the 2023 Notes or the Convertible Senior Notes will dilute the ownership interest of our existing stockholders. Any sales in the public market of the common stock issuable upon conversion could adversely

affect prevailing market prices of our common stock.

Prior to conversion of the 2023 Notes, if the trading price of our common stock exceeds \$22.69 per share over specified periods, basic net income per share will be diluted. We may redeem for cash all or any part of the 2023 Notes on or after August 15, 2008 for 100.00% of the principal amount. The holders of the 2023 Notes may require us to repurchase for cash all or any portion of their 2023 Notes on August 15, 2008 for 100.25% of the principal amount, on August 15, 2013 for 100.00% of the principal amount, or on August 15, 2018 for 100.00% of the principal amount, by providing to the paying agent a written repurchase notice. The repurchase notice must be delivered during the period commencing 30 business days prior to the relevant repurchase date and ending on the

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close of business on the business day prior to the relevant repurchase date. We may redeem for cash all or any part of the 2023 Notes on or after August 15, 2008 for 100.00% of the principal amount, except for those 2023 Notes that holders have required us to repurchase on August 15, 2008 or on other repurchase dates, as described above.

Each \$1,000 of principal of the 2023 Notes is initially convertible into 63.879 shares of our common stock, subject to adjustment upon the occurrence of specified events. Holders of the 2023 Notes may convert their 2023 Notes prior to maturity only if:

- The price of our common stock reaches \$22.69 during certain periods of time specified in the 2023 Notes;
- Specified corporate transactions occur;
- The 2023 Notes have been called for redemption; or
- The trading price of the 2023 Notes falls below a certain threshold.

As a result, although the 2023 Notes mature in 2023, the holders may require us to repurchase their notes at an additional premium in 2008, which makes it probable that we will be required to repurchase the 2023 Notes in 2008 if they have not first been repurchased by us or are not otherwise converted. As of December 29, 2007, none of the conditions allowing holders of the 2023 Notes to convert had been met.

Each \$1,000 of principal of the Convertible Senior Notes is initially convertible into 47.2813 shares of our common stock, subject to adjustment upon the occurrence of specified events. Holders of the Convertible Senior Notes may convert their notes at their option on any day prior to the close of business on the scheduled trading day immediately preceding December 15, 2011 in the case of the 2011 Notes and December 15, 2013 in the case of the 2013 Notes, in each case only if:

- The price of our common stock reaches \$27.50 during certain periods of time specified in the Convertible Senior Notes;
- Specified corporate transactions occur; or
- The trading price of the Convertible Senior Notes falls below a certain threshold.

On and after November 2, 2011, in the case of the 2011 Notes, and November 1, 2013, in the case of 2013 Notes, until the close of business on the scheduled trading day immediately preceding the maturity date of such Convertible Senior Notes, holders may convert their Convertible Senior Notes at any time, regardless of the foregoing circumstances. As of December 29, 2007, none of the conditions allowing holders of the Convertible Senior Notes to convert had been met.

Although the conversion price of the 2023 Notes is currently \$15.65 per share, the hedge and warrant transactions that we entered into in connection with the issuance of the 2023 Notes effectively increased the conversion price of the 2023 Notes until various dates in 2008 to approximately \$23.08 per share, which would result in an aggregate issuance upon conversion prior to August 15, 2008 of approximately 10.2 million shares of our common stock. We entered into hedge and warrant transactions to reduce the potential dilution from the conversion of the 2023 Notes. However, we cannot guarantee that such hedge and warrant instruments will fully mitigate the dilution. In addition, the existence of the 2023 Notes may encourage short selling by market participants because the conversion of the 2023 Notes could depress the price of our common stock.

Although the conversion price of the Convertible Senior Notes is currently \$21.15 per share, we entered into hedge and separate warrant transactions to reduce the potential dilution from the conversion of the Convertible Senior Notes. However, we cannot guarantee that such hedges and warrant instruments will fully mitigate the dilution. In addition, the existence of the Convertible Senior Notes may encourage short selling by market participants because the conversion of the Convertible Senior Notes could depress the price of our common stock.

***At the option of the 2023 Noteholders and the Convertible Senior Noteholders under certain circumstances, we may be required to repurchase the 2023 Notes and the Convertible Senior Notes, as the case may be, in cash or shares of our common stock.***

Under the terms of the 2023 Notes and the Convertible Senior Notes, we may be required to repurchase the 2023 Notes and the Convertible Senior Notes following a fundamental change in our corporate ownership or structure, such as a change of control in which substantially all of the consideration does not consist of publicly traded securities, prior to maturity of the 2023 Notes and the Convertible Senior Notes, as the case may be.

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Following a fundamental change, in certain circumstances, we may choose to pay the repurchase price of the 2023 Notes in cash, shares of our common stock or a combination of cash and shares of our common stock. If we choose to pay all or any part of the repurchase price of the 2023 Notes in shares of our common stock, this would result in dilution to the holders of our common stock. The repurchase price for the Convertible Senior Notes in the event of a fundamental change must be paid solely in cash. These repayment obligations may have the effect of discouraging, delaying or preventing a takeover of our company that may otherwise be beneficial to investors.

### ***Hedge and warrant transactions entered into in connection with the issuance of the Convertible Senior Notes and the 2023 Notes may affect the value of our common stock.***

We entered into hedge transactions with various financial institutions, at the time of issuance of the Convertible Senior Notes and the 2023 Notes, with the objective of reducing the potential dilutive effect of issuing our common stock upon conversion of the Convertible Senior Notes and the 2023 Notes. We also entered into separate warrant transactions with the same financial institutions. In connection with our hedge and warrant transactions, these financial institutions purchased our common stock in secondary market transactions and entered into various over-the-counter derivative transactions with respect to our common stock. These entities or their affiliates are likely to modify their hedge positions from time to time prior to conversion or maturity of the Convertible Senior Notes and the 2023 Notes by purchasing and selling shares of our common stock, other of our securities or other instruments they may wish to use in connection with such hedging. Any of these transactions and activities could adversely affect the value of our common stock and, as a result, the number of shares and the value of the common stock holders will receive upon conversion of the Convertible Senior Notes and the 2023 Notes. In addition, subject to movement in the price of our common stock, if the hedge transactions settle in our favor, we could be exposed to credit risk related to the other party with respect to the payment we are owed from such other party.

### ***Rating agencies may provide unsolicited ratings on the Convertible Senior Notes that could reduce the market value or liquidity of our common stock.***

We have not requested a rating of the Convertible Senior Notes from any rating agency and we do not anticipate that the Convertible Senior Notes will be rated. However, if one or more rating agencies independently elects to rate the Convertible Senior Notes and assigns the Convertible Senior Notes a rating lower than the rating expected by investors, or reduces such rating in the future, the market price or liquidity of the Convertible Senior Notes and our common stock could be harmed. Should a decline in the market price of the Convertible Senior Notes result, as compared to the price of our common stock, this may trigger the right of the holders of the Convertible Senior Notes to convert the Convertible Senior Notes into cash and shares of our common stock.

### ***Anti-takeover defenses in our certificate of incorporation and bylaws and certain provisions under Delaware law could prevent an acquisition of our company or limit the price that investors might be willing to pay for our common stock.***

Our certificate of incorporation and bylaws and certain provisions of the Delaware General Corporation Law that apply to us could make it difficult for another company to acquire control of our company. For example:

Our certificate of incorporation allows our board of directors to issue, at any time and without stockholder approval, preferred stock with such terms as it may determine. No shares of preferred stock are currently outstanding. However, the rights of holders of any of our preferred stock that may be issued in the future may be superior to the rights of holders of our common stock.

Section 203 of the Delaware General Corporation Law generally prohibits a Delaware corporation from engaging in any business combination with a person owning 15% or more of its voting stock, or who is affiliated with the corporation and owned 15% or more of its voting stock at any time within three years



prior to the proposed business combination, for a period of three years from the date the person became a 15% owner, unless specified conditions are met.

All or any one of these factors could limit the price that certain investors would be willing to pay for shares of our common stock and could delay, prevent or allow our board of directors to resist an acquisition of our company, even if a proposed transaction were favored by a majority of our independent stockholders.

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**Item 1B. Unresolved Staff Comments**

None.

**Item 2. Properties**

We own land and buildings at our headquarters campus, which is located in San Jose, California. We also own buildings in India. As of December 29, 2007, the total square footage of our owned buildings was approximately 750,000, with an additional 208,000 square feet under construction at our headquarters campus.

In January 2007, we completed the sale of certain of our land and buildings in San Jose, California. Concurrently with the sale, we leased back from the purchaser all available space in the buildings. The lease agreement includes an initial term of two years, with two options to extend the lease for six months each. We will use the approximately 262,500 square feet of leased space until the facility construction described above is completed.

We lease additional facilities in the United States and various other countries. We sublease certain of these facilities where space is not fully utilized or has been involved in restructuring activities.

We believe that these facilities and the facility under construction at our headquarters campus are adequate for our current needs and that suitable additional or substitute space will be available as needed to accommodate any expansion of our operations.

**Item 3. Legal Proceedings**

From time to time, we are involved in various disputes and litigation matters that arise in the ordinary course of business. These include disputes and lawsuits related to intellectual property, mergers and acquisitions, licensing, contracts, distribution arrangements and employee relations matters. At least quarterly, we review the status of each significant matter and assess its potential financial exposure. If the potential loss from any claim or legal proceeding is considered probable and the amount or the range of loss can be estimated, we accrue a liability for the estimated loss in accordance with SFAS No. 5, Accounting for Contingencies. Legal proceedings are subject to uncertainties, and the outcomes are difficult to predict. Because of such uncertainties, accruals are based only on the best information available at the time. As additional information becomes available, we reassess the potential liability related to pending claims and litigation matters and may revise estimates.

On February 8, 2007, we, Magma Design Automation, Inc., or Magma, Altera Corp., or Altera, and Mentor Graphics Corp., or Mentor, filed a complaint in the United States District Court for the Northern District of California against an individual, Narpat Bhandari, or Bhandari, and Vanguard Systems, Inc., or Vanguard. The complaint sought a declaratory judgment that U.S. Patent No. 5,663,900, or the '900 Patent, which discloses an electronic simulation and emulation system and is allegedly owned by Bhandari and Vanguard, is not infringed and is invalid and unenforceable. The Complaint further sought a declaratory judgment that LSI Logic Corporation, or LSI, has an ownership interest in the '900 Patent that precludes Bhandari and Vanguard from asserting the patent without first joining LSI. In March 2007, Cadence, Magma, Altera and Mentor amended the complaint to further plead non-infringement on the basis of obtaining a license to the '900 Patent from its co-owner, LSI. In April 2007, Bhandari and Vanguard answered the amended complaint, asserting counterclaims alleging that certain products of ours and the other plaintiffs infringed the '900 Patent. In a case management conference held on May 21, 2007, the court granted the request of us, Magma, Altera and Mentor to bifurcate the case and stay all issues except for the question of LSI's ownership interest in the '900 Patent. We, Magma, Altera and Mentor filed a Motion for Summary Judgment that LSI

was a joint-owner and that the license from LSI warranted dismissal of Bhandari and Vanguard's claim, which the court granted in favor of us, Magma, Altera and Mentor. On December 4, 2007, the court issued an order entering judgment in favor of us, Magma, Altera and Mentor and against Bhandari and Vanguard, thus bringing this matter to a close.

On May 30, 2007, Ahmed Higazi, a former Cadence employee, filed suit against us in the United States District Court for the Northern District of California alleging that we improperly classified him and a class of other Cadence information technology employees as exempt from overtime pay. The suit alleges claims for unpaid overtime under the federal Fair Labor Standards Act and California law, waiting-time penalties under the California Labor Code, failure to provide proper earnings statements under California law, failure to provide meal periods and rest breaks as required by California law, unfair business practices under California Business & Professions Code section 17200, and

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unpaid 401(k) contributions in violation of the Employee Retirement Income Security Act, or ERISA. On June 20, 2007, we answered plaintiff's complaint, denying its material allegations and raising a number of affirmative defenses, and on December 19, 2007, we filed an amended answer. A period of discovery conducted by both sides then ensued, followed, in January 2008, by a private mediation of the case. At the mediation, the parties were successful in resolving their respective differences, and have entered into a settlement agreement without contesting the merits of the claims or admitting liability. The parties are in the process of preparing the various papers for court approval of the settlement. Final approval is not expected to occur until the third quarter of 2008.

While the outcome of these disputes and litigation matters cannot be predicted with any certainty, management does not believe that the outcome of any current matters will have a material adverse effect on our consolidated financial position, liquidity or results of operations.

**Item 4. Submission of Matters to a Vote of Security Holders**

None.

**Executive Officers of the Registrant**

The executive officers of Cadence are as follows:

<b>Name</b>	<b>Age</b>	<b>Positions and Offices</b>
Michael J. Fister	53	President, Chief Executive Officer and Director
Kevin Bushby	52	Executive Vice President, Worldwide Field Operations
James S. Miller, Jr.	45	Executive Vice President, Products and Technologies Organization
William Porter	53	Executive Vice President and Chief Financial Officer
R.L. Smith McKeithen	64	Senior Vice President, General Counsel and Secretary

Executive officers are appointed by the Board of Directors and serve at the discretion of the Board.

MICHAEL J. FISTER has served as President and Chief Executive Officer of Cadence since May 2004. Mr. Fister has been a member of the Cadence Board of Directors since July 2004. Prior to joining Cadence, from 1987 to 2004, Mr. Fister held several positions with Intel Corporation, most recently as Senior Vice President and General Manager for the Enterprise Platforms Group. Mr. Fister is a director of Autodesk, Inc.

KEVIN BUSHBY has served as Executive Vice President, Worldwide Field Operations of Cadence since 2001. From 1995 to 2001, Mr. Bushby served as Vice President and General Manager, European Operations of Cadence. Prior to joining Cadence, from 1990 to 1995, Mr. Bushby held several positions with Unisys Corporation, most recently as Vice President Sales and Marketing, Client Server Systems Division.

JAMES S. MILLER, JR. has served as Executive Vice President, Products and Technologies Organization of Cadence since February 2006. From 2004 to 2006, Mr. Miller served as Senior Vice President, Development of Cadence. Prior to joining Cadence, Mr. Miller was at Intel Corporation from 2003 to 2004, where he was most recently Enterprise Platform Design Manager for both a multiprocessor platform and server memory technology for the Enterprise Products Group. From 1999 to 2002, Mr. Miller was Vice President of Silicon Development at Silicon Spice, and later Technical Director with Broadcom Corporation following its acquisition of Silicon Spice. From 1986 to 1998, Mr. Miller was at Intel where he held a number of leadership roles, including management of the server and workstation chipset organization and the Itanium® processor and Pentium® II processor organizations.

WILLIAM PORTER has served as Executive Vice President and Chief Financial Officer of Cadence since February 2006. From 1999 to 2006, Mr. Porter served as Senior Vice President and Chief Financial Officer of Cadence. From 1994 to 1999, Mr. Porter served as Vice President, Corporate Controller and Assistant Secretary of Cadence. Prior to joining Cadence, Mr. Porter served as Technical Accounting and Reporting Manager and as Controller of Cupertino Operations with Apple Computer, Inc.

R.L. SMITH MCKEITHEN has served as Senior Vice President, General Counsel and Secretary of Cadence since 1998. From 1996 to 1998, Mr. McKeithen served as Vice President, General Counsel and Secretary of Cadence. Prior to joining Cadence, from 1994 to 1996, Mr. McKeithen served as Vice President, General Counsel and Secretary of Strategic Mapping, Inc., a software company. From 1988 to 1994, Mr. McKeithen served as Vice President, General Counsel and Secretary of Silicon Graphics, Inc.

**Table of Contents****PART II.****Item 5. Market for Registrant's Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities**

Our common stock is traded on the NASDAQ Global Select Market under the symbol CDNS. We have never declared or paid any cash dividends on our common stock in the past, and we do not plan to pay cash dividends in the foreseeable future. As of February 2, 2008, we had approximately 1,054 registered stockholders and approximately 61,307 beneficial owners of our common stock.

The following table sets forth the high and low sales prices for Cadence common stock for each fiscal quarter in the two-year period ended December 29, 2007:

	High	Low
<b><u>2007</u></b>		
First Quarter	\$ 21.23	\$ 17.65
Second Quarter	24.90	20.94
Third Quarter	22.99	19.53
Fourth Quarter	22.45	15.96
<b><u>2006</u></b>		
First Quarter	\$ 18.56	\$ 16.33
Second Quarter	19.65	16.33
Third Quarter	17.52	14.93
Fourth Quarter	18.99	16.70

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The graph below matches Cadence Design Systems, Inc.'s cumulative 5-year total shareholder return on common stock with the cumulative total returns of the S&P 500 index, the S&P Information Technology index, and the NASDAQ Composite index. The graph assumes that the value of the investment in our common stock, and in each index (including reinvestment of dividends) was \$100 on December 28, 2002 and tracks it through December 29, 2007.

**COMPARISON OF 5 YEAR CUMULATIVE TOTAL RETURN\***

Among Cadence Design Systems, Inc., The S&P 500 Index,  
The NASDAQ Composite Index And The S&P Information Technology Index

\* \$100 invested on 12/28/02 in stock or on 12/31/02 in index-including reinvestment of dividends.  
Indexes calculated on month-end basis.

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[www.researchdatagroup.com/S&P.htm](http://www.researchdatagroup.com/S&P.htm)

	12/28/02	1/3/04	1/1/05	12/31/05	12/30/06	12/29/07
Cadence Design Systems, Inc.	100.00	149.92	113.38	138.92	147.04	139.82
S & P 500	100.00	128.68	142.69	149.70	173.34	182.87
NASDAQ Composite	100.00	149.75	164.64	168.60	187.83	205.22
S & P Information Technology	100.00	147.23	150.99	152.49	165.32	192.28

*The stock price performance included in this graph is not necessarily indicative of future stock price performance*

Table of Contents**ISSUER PURCHASES OF EQUITY SECURITIES**

In December 2006, our Board of Directors authorized a program to repurchase shares of our common stock with a value of up to \$500.0 million in the aggregate. In February 2008, our Board of Directors authorized a new program to repurchase shares of our common stock in the open market with a value of up to \$500.0 million in the aggregate. The following table sets forth the repurchases we made during the three months ended December 29, 2007:

Period	Total Number of Shares Purchased *	Average Price Paid Per Share	Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs	Maximum Dollar Value of Shares that May Yet Be Purchased Under Publicly Announced Plans or Programs * (In millions)
September 30, 2007				
November 3, 2007	615,621	\$ 19.41	500,000	\$ 145.8
November 4, 2007				
December 1, 2007	1,047,957	\$ 17.40	1,000,000	\$ 128.3
December 2, 2007				
December 29, 2007	249,949	\$ 17.16	----	\$ 128.3
Total	1,913,527	\$ 18.01	1,500,000	

\* Shares surrendered to pay withholding taxes due upon vesting of restricted stock are included in total number of shares purchased, but do not reduce the dollar value that may yet be purchased under our publicly announced repurchase programs.



**Table of Contents****Item 6. Selected Financial Data Unaudited**

The following selected consolidated financial data should be read in conjunction with our Consolidated Financial Statements and the Notes thereto and the information contained in Item 7, Management's Discussion and Analysis of Financial Condition and Results of Operations. Historical results are not necessarily indicative of future results. The notes below the table are provided for comparability purposes due to adoptions of recently issued accounting pronouncements on a prospective basis from the date of adoption.

	2007	Five fiscal years ended December 29, 2007			2003
		2006	2005	2004	
		(In millions, except per share amounts)			
Revenue	\$ 1,615.0	\$ 1,483.9	\$ 1,329.2	\$ 1,197.5	\$ 1,119.5
Income (loss) from operations *	317.9	224.6	118.8	104.1	(21.5)
Other income (expense), net	58.5	70.4	15.1	(11.5)	(4.0)
Net income (loss) *u	296.3	142.6	49.3	74.5	(17.6)
Net income (loss) per share assuming dilution *u	1.01	0.46	0.16	0.25	(0.07)
Total assets u	3,871.2	3,442.8	3,401.3	2,989.8	2,817.9
Convertible notes	730.4	730.4	420.0	420.0	420.0
Other long-term debt	----	----	128.0	----	0.1
Stockholders' equity u	2,080.1	1,699.3	1,844.7	1,700.0	1,572.3

\* We adopted SFAS No. 123R, Share-Based Payment on January 1, 2006 using the modified prospective transition method. Using the modified prospective transition method, we began recognizing compensation expense for equity-based awards granted on or after January 1, 2006 and unvested awards granted prior to January 1, 2006.

u We adopted the provisions of FIN No. 48 on December 31, 2006, which was the first day of our 2007 fiscal year. FIN No. 48 prescribes a new recognition threshold and measurement attribute for the financial statement recognition and measurement of an income tax position taken or expected to be taken in a tax return. The cumulative effect of applying the provisions of FIN No. 48 have been reported as an adjustment to our opening balance of retained earnings or other appropriate components of equity or net assets in our Consolidated Balance Sheet as of the beginning of fiscal year 2007.

**Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations**

The following discussion should be read in conjunction with the Consolidated Financial Statements and Notes thereto included elsewhere in this Annual Report on Form 10-K. Certain of such statements, including, but not limited to, statements regarding the extent and timing of future revenues and expenses and customer demand, statements regarding the deployment of our products, statements regarding our reliance on third parties and other statements using words such as anticipates, believes, could, estimates, expects, intends, may, plans, should, will and would, and words of similar import and the negatives thereof, constitute forward-looking statements. These statements are predictions based upon our current expectations about future events. Actual results could vary materially as a result of certain factors, including but not limited to, those expressed in these statements. We refer you to the Competition, Proprietary Technology, Risk Factors, Results of Operations, Disclosures About Market Risk and Liquidity and Capital Resources sections contained in this Annual Report

*and the risks discussed in our other SEC filings, which identify important risks and uncertainties that could cause actual results to differ materially from those contained in the forward-looking statements.*

*We urge you to consider these factors carefully in evaluating the forward-looking statements contained in this Annual Report. All subsequent written or spoken forward-looking statements attributable to our company or persons acting on our behalf are expressly qualified in their entirety by these cautionary statements. The forward-looking statements included in this Annual Report are made only as of the date of this Annual Report. We do not intend, and undertake no obligation, to update these forward-looking statements.*

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### **Overview**

We develop electronic design automation, or EDA, software and hardware. We license software, sell or lease hardware technology, provide maintenance for our software and hardware and provide design, methodology and education services throughout the world to help manage and accelerate electronics product development processes. Our broad range of products and services are used by the world's leading electronics companies to design and develop complex integrated circuits, or ICs, and electronics systems.

With the addition of emerging nanometer design considerations to the already burgeoning set of traditional design tasks, complex SoC or IC design can no longer be accomplished using a collection of discrete design tools. What previously consisted of sequential design activities must be merged and accomplished nearly simultaneously without time-consuming data translation steps. We combine our design technologies into platforms addressing four major design activities: functional verification, digital IC design, custom IC design and system interconnect design. The four Cadence design platforms are Incisive functional verification, Encounter digital IC design, Virtuoso custom design and Allegro system interconnect design platforms. In addition, we augment these platform product offerings with a comprehensive set of DFM products that service both the digital and custom IC design flows. These four platforms, together with our DFM products, comprise our primary product lines.

Digital implementation was the fastest growing product group in 2007 in terms of revenue, driven by the focus on complex chips, advanced nodes and low power. Design challenges at the 65 nanometer and 45 nanometer process nodes drove upgrades in the digital, custom and DFM product groups. Also during 2007, the Allegro system interconnect design platform had a complete technology update and the custom simulation business had a significant product update.

We have identified certain items that management uses as performance indicators to manage our business, including revenue, certain elements of operating expenses and cash flow from operations, and we describe these items more fully below under the heading *Results of Operations* below.

### **Critical Accounting Estimates**

In preparing our Consolidated Financial Statements, we make assumptions, judgments and estimates that can have a significant impact on our revenue, operating income and net income, as well as on the value of certain assets and liabilities on our Consolidated Balance Sheets. We base our assumptions, judgments and estimates on historical experience and various other factors that we believe to be reasonable under the circumstances. Actual results could differ materially from these estimates under different assumptions or conditions. At least quarterly, we evaluate our assumptions, judgments and estimates and make changes accordingly. We believe that the assumptions, judgments and estimates involved in the accounting for revenue recognition, accounting for income taxes and valuation of stock-based awards have the greatest potential impact on our Consolidated Financial Statements; therefore, we consider these to be our critical accounting estimates. Historically, our assumptions, judgments and estimates relative to our critical accounting estimates have not differed materially from actual results. For further information on our significant accounting policies, see Note 2 to our Consolidated Financial Statements.

### ***Revenue recognition***

We apply the provisions of Statement of Position, or SOP, 97-2, *Software Revenue Recognition*, as amended by SOP 98-9, *Modification of SOP 97-2, Software Revenue Recognition, With Respect to Certain Transactions*, to all software licensing transactions and to all product revenue transactions where the software is not incidental. We also apply the provisions of SFAS No. 13, *Accounting for Leases*, to all hardware lease transactions. We recognize revenue when persuasive evidence of an arrangement exists, the product has been delivered, the fee is fixed or

determinable, collection of the resulting receivable is probable, and vendor-specific objective evidence of fair value, or VSOE, exists.

We license software using three different license types:

- Subscription licenses;
- Term licenses; and
- Perpetual licenses.

For many of our term and subscription license arrangements, we use our proprietary internet-based delivery mechanism, eDA-on-tap, to facilitate the delivery of our software products. To maximize the efficiency of this

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delivery mechanism, we created what we refer to as eDA Cards, of which there are two types. Subscription license customers may purchase what we refer to as an eDA Platinum Card, which provides the customer access to and use of all software products delivered at the outset of the arrangement and the ability to use additional unspecified software products that may become commercially available during the term of the arrangement. Term license customers may purchase what we refer to as an eDA Gold Card, which provides the customer access to and use of all software products delivered at the outset of the arrangement. Overall, the eDA Cards provide greater flexibility for our customers in how and when they deploy and use our software products.

*Subscription licenses* Our subscription license arrangements offer our customers the right to:

- Access and use all software products delivered at the outset of an arrangement throughout the entire term of the arrangement, generally two to four years, with no rights to return;
- Use unspecified additional software products that become commercially available during the term of the arrangement; and
- Remix among the software products delivered at the outset of the arrangement, as well as the right to remix into other unspecified additional software products that may become available during the term of the arrangement, so long as the cumulative value of all products in use does not exceed the total license fee determined at the outset of the arrangement. These remix rights may be exercisable multiple times during the term of the arrangement. The right to remix all software products delivered pursuant to the license agreement is not considered an exchange or return of software because all software products have been delivered and the customer has the continuing right to use them.

Customers that purchase an eDA Platinum Card have the ability during the term of the arrangement to use software products delivered at the outset of the arrangement, and to use other unspecified additional software products that may become commercially available during the term of the arrangement, until the fees have been depleted.

In general, revenue associated with subscription licenses is recognized ratably over the term of the license commencing upon the later of the effective date of the arrangement or delivery of the software product. Subscription license revenue is allocated to product and maintenance revenue. The allocation to maintenance revenue is based on vendor specific objective evidence, or VSOE, of fair value of the undelivered maintenance that was established in connection with the sale of our term licenses.

In the event that a subscription license arrangement is terminated by mutual agreement and a new term license arrangement is entered into either concurrently with or subsequent to the termination of the subscription license arrangement, the revenue associated with the new term license arrangement is recognized upon the later of the effective date of the arrangement or delivery of the software product, assuming all other criteria in SOP 97-2 have been met.

*Term licenses* Our term license arrangements offer our customers the right to:

- Access and use all software products delivered at the outset of an arrangement throughout the entire term of the arrangement, generally two to four years, with no rights to return; and
- Remix among the software products delivered at the outset of the arrangement, so long as the cumulative value of all products in use does not exceed the total license fee determined at the outset of the arrangement. These remix rights may be exercisable multiple times during the term of the arrangement. The right to remix all software products delivered pursuant to the license agreement is not considered an exchange or return of software because all software products have been delivered and the customer has the continuing right to use them.

Customers that purchase an eDA Gold Card have the ability during the term of the arrangement to use software products delivered at the outset of the arrangement until the fees relating to the arrangement have been depleted.

In general, revenue associated with term licenses is recognized upon the later of the effective date of the arrangement or delivery of the software product.

*Perpetual licenses* Our perpetual licenses consist of software licensed on a perpetual basis with no right to return or exchange the licensed software. In general, revenue associated with perpetual licenses is recognized upon the later of the effective date of the license or delivery of the licensed product.

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*Persuasive evidence of an arrangement* Generally, we use a contract signed by the customer as evidence of an arrangement for subscription and term licenses and hardware leases. If a contract signed by the customer does not exist, we have historically used a purchase order as evidence of an arrangement for perpetual licenses, hardware sales, maintenance renewals and small fixed-price service projects, such as training classes and small methodology service engagements of approximately \$10,000 or less. For all other service engagements, we use a signed professional services agreement and a statement of work to evidence an arrangement. In cases where both a signed contract and a purchase order exist, we consider the signed contract to be the most persuasive evidence of the arrangement. Sales through our distributors are evidenced by a master agreement governing the relationship, together with binding purchase orders from the distributor on a transaction-by-transaction basis.

*Product delivery* Software and the corresponding access keys are generally delivered to customers electronically. Electronic delivery occurs when we provide the customer access to the software. Occasionally, we will deliver the software on a compact disc with standard transfer terms of free-on-board, or F.O.B., shipping point. Our software license agreements generally do not contain conditions for acceptance. With respect to hardware, delivery of an entire system is deemed to occur upon its successful installation. For certain hardware products, installation is the responsibility of the customer, as the system is fully functional at the time of shipment. For these products, delivery is deemed to be complete when the products are shipped with freight terms of F.O.B. shipping point.

For customers who purchase eDA Gold or eDA Platinum Cards, delivery occurs when the customer has been provided with access codes that allow the customer to download the software pursuant to the terms of the software license agreement.

*Fee is fixed or determinable* We assess whether a fee is fixed or determinable at the outset of the arrangement, primarily based on the payment terms associated with the transaction. We have established a history of collecting under the original contract without providing concessions on payments, products or services. For our installment contracts that do not include a substantial up front payment, we only consider that a fee is fixed or determinable if the arrangement has payment periods that are equal to or less than the term of the licenses and the payments are collected in equal or nearly equal installments, when evaluated over the entire term of the arrangement. We have a history of collecting receivables under installment contracts of up to five years.

Significant judgment is involved in assessing whether a fee is fixed or determinable. We must also make these judgments when assessing whether a contract amendment to a term arrangement (primarily in the context of a license extension or renewal) constitutes a concession. Our experience has been that we are able to determine whether a fee is fixed or determinable for term licenses. While we do not expect that experience to change, if we no longer were to have a history of collecting under the original contract without providing concessions on term licenses, revenue from term licenses would be required to be recognized when payments under the installment contract become due and payable. Such a change could have a material impact on our results of operations.

*Collection is probable* We assess the probability of collecting from each customer at the outset of the arrangement based on a number of factors, including the customer's payment history and its current creditworthiness. We have concluded that collection is not probable for license arrangements executed with customers in certain countries. If in our judgment collection of a fee is not probable, we defer the revenue until the uncertainty is removed, which generally means revenue is recognized upon receipt of cash payment. Our experience has been that we are able to estimate whether collection is probable. While we do not expect that experience to change, if we were to determine that collection is not probable for any license arrangement, particularly those with installment payment terms, revenue from such license would be recognized generally upon the receipt of cash payment. Such a change could have a material impact on our results of operations.

*Vendor-specific objective evidence of fair value* Our VSOE for certain product elements of an arrangement is based upon the pricing in comparable transactions when the element is sold separately. VSOE for maintenance is generally based upon the customer's stated annual renewal rates. VSOE for services is generally based on the price charged when the services are sold separately. For multiple element arrangements, VSOE must exist to allocate the total fee among all delivered and undelivered elements of a term or perpetual license arrangement. If VSOE does not exist for all elements to support the allocation of the total fee among all delivered and undelivered elements of the arrangement, revenue is deferred until such evidence does exist for the undelivered elements, or until all elements are delivered, whichever is earlier. If VSOE of all undelivered elements exists but VSOE does not exist for one or



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more delivered elements, revenue is recognized using the residual method. Under the residual method, the VSOE of the undelivered elements is deferred, and the remaining portion of the arrangement fee is recognized as revenue as the elements are delivered. Our experience has been that we are able to determine VSOE for maintenance and time-based services, but not for product.

*Finance fee revenue* Finance fees result from discounting to present value the product revenue derived from our installment contracts in which the payment terms extend beyond one year from the effective date of the contract. Finance fees are recognized using a method that approximates the effective interest method over the relevant license term and are classified as product revenue. Finance fee revenue represented approximately 2% of total revenue for each of the years ended December 29, 2007, December 30, 2006 and December 31, 2005. Upon the sale of an installment contract, we recognize the remaining finance fee revenue associated with the installment contract.

*Services revenue* Services revenue consists primarily of revenue received for performing design and methodology services. These services are not related to the functionality of the products licensed. Revenue from service contracts is recognized either on the time and materials method, as work is performed, or on the percentage-of-completion method. For contracts with fixed or not-to-exceed fees, we estimate on a monthly basis the percentage-of-completion, which is based on the completion of milestones relating to the arrangement. We have a history of accurately estimating project status and the costs necessary to complete projects. A number of internal and external factors can affect our estimates, including labor rates, utilization and efficiency variances and specification and testing requirement changes. If different conditions were to prevail such that accurate estimates could not be made, then the use of the completed contract method would be required and the recognition of all revenue and costs would be deferred until the project was completed. Such a change could have a material impact on our results of operations.

## ***Accounting for income taxes***

We provide for the effect of income taxes in our Consolidated Financial Statements in accordance with SFAS No. 109, Accounting for Income Taxes and FIN No. 48.

Under SFAS No. 109, income tax expense or benefit is recognized for the amount of taxes payable or refundable for the current year, and for deferred tax assets and liabilities for the tax consequences of events that have been recognized in an entity's financial statements or tax returns. We must make significant assumptions, judgments and estimates to determine our current provision for income taxes, our deferred tax assets and liabilities and any valuation allowance to be recorded against our deferred tax assets. Our judgments, assumptions and estimates relating to the current provision for income taxes include the geographic mix and amount of income, our interpretation of current tax laws, and possible outcomes of current and future audits conducted by foreign and domestic tax authorities. Our judgments also include anticipating the tax positions we will take on tax returns prior to actually preparing and filing the tax returns. Changes in our business, tax laws or our interpretation of tax laws, and developments in current and future tax audits, could significantly impact the amounts provided for income taxes in our results of operations, financial position or cash flows. Our assumptions, judgments and estimates relating to the value of our net deferred tax assets take into account predictions of the amount and category of future taxable income from various sources, including tax planning strategies that would, if necessary, be implemented to prevent a loss carryforward or tax credit carryforward from expiring unused. Actual operating results or other events that cause us to change our expectations of the amount and category of income in future years could render our current assumptions, judgments and estimates of recoverable net deferred taxes inaccurate, thus materially affecting our consolidated financial position or results of operations.

Under FIN No. 48, we may only recognize an income tax position in our financial statements that we judge is more likely than not to be sustained solely on its technical merits in a tax audit including resolution of any related appeals or litigation processes. To make this judgment, we must interpret the application of complex and sometimes ambiguous

tax laws, regulations, and practices. If an income tax position meets the more likely than not recognition threshold, then we must measure the amount of the tax benefit to be recognized by determining the largest amount of tax benefit that has a greater than a 50% likelihood of being realized upon effective settlement with a taxing authority that has full knowledge of all of the relevant facts. It is inherently difficult and subjective to estimate such amounts, as this requires us to determine the probability of various possible settlement outcomes. To determine if a tax position is effectively settled, we must also estimate the likelihood that a taxing authority would review a tax position after a tax examination had otherwise been completed. We must also determine when it is

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reasonably possible that the amount of unrecognized tax benefits will significantly increase or decrease in the 12 months after each reporting date. These judgments are difficult because a taxing authority may change its behavior as a result of our disclosures in our financial statements that are based on the requirements of FIN No. 48. We must re-evaluate our income tax positions on a quarterly basis to consider factors such as changes in facts or circumstances, changes in tax law, effectively settled issues under audit, and new audit activity. Such a change in recognition or measurement would result in recognition of a tax benefit or an additional charge to the tax provision.

***Valuation of stock-based awards***

We account for stock-based compensation in accordance with the fair value recognition provisions of SFAS No. 123R, Share-Based Payment. Under SFAS No. 123R, stock-based compensation expense is measured at the grant date based on the value of the award and is recognized as expense over the vesting period. Determining the fair value of stock-based awards at the grant date requires judgment, including estimating the following:

- Expected volatility of our stock;
- Expected term of stock options;
- Risk-free interest rate for the period;
- Expected dividends, if any; and
- Expected forfeitures.

The computation of the expected volatility assumption used in the Black-Scholes pricing model for option grants is based on implied volatility calculated using the volatility of publicly traded options for our common stock. We use this approach to determine volatility because:

- Options for our common stock are actively traded;
- The market prices of both the traded options and underlying shares are measured at a similar point in time to each other and on a date reasonably close to the grant date of the employee stock options;
- The traded options have exercise prices that are both near-the-money and close to the exercise price of the employee stock options; and
- The remaining maturities of the traded options on which the estimate is based are at least one year.

When establishing the expected life assumption, we review annual historical employee exercise behavior with respect to option grants having similar vesting periods. In addition, judgment is required in estimating the amount of stock-based awards that we expect to be forfeited. We calculate a separate expected forfeiture rate for both stock options and restricted stock issuances based on historical trends. The valuation of all options and the expected forfeiture rates for options and restricted stock are calculated based on one employee pool as there is no significant difference in exercise behavior between classes of employees. Of the \$101.4 million of stock-based compensation expense recorded during 2007, we used the current year valuation assumptions described above for \$17.8 million of our 2007 stock-based compensation expense for options granted during 2007, and we used prior year valuation assumptions for \$31.2 million of our 2007 stock-based compensation expense for options granted prior to 2007. In addition, we expensed \$42.8 million in 2007 related to restricted stock and \$9.6 million related to the performance-based bonus plan described below.

Judgment is also required to estimate the attainment of certain predetermined performance goals for a performance-based bonus plan under which payments may be made in our common stock. Each period, we estimate the most likely outcome of such performance goals and recognize any related stock-based compensation expense. The amount of stock-based compensation expense recognized in any one period can vary based on the attainment or estimated attainment of the various performance goals. If such performance goals are not met, no compensation expense is recognized and any previously recognized compensation expense is reversed.

If actual results differ significantly from these estimates, stock-based compensation expense and our results of operations could be materially affected.

### **Results of Operations**

We primarily generate revenue from licensing our EDA software, selling or leasing our hardware technology, providing maintenance for our software and hardware and providing design and methodology services. We

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principally utilize three license types: subscription, term and perpetual. The different license types provide a customer with different terms of use for our products, such as:

- The right to access new technology;
- The duration of the license; and
- Payment terms.

Customer decisions regarding these aspects of license transactions determine the license type, timing of revenue recognition and potential future business activity. For example, if a customer chooses a fixed term of use, this will result in either a subscription or term license. A business implication of this decision is that, at the expiration of the license period, the customer must decide whether to continue using the technology and therefore renew the license agreement. Because larger customers generally use products from two or more of our five product groups, rarely will a large customer completely terminate its relationship with us at expiration of the license. See the discussion under the heading **Critical Accounting Estimates** above for an additional description of license types and timing of revenue recognition.

Although we believe that pricing volatility has not generally been a material component of the change in our revenue from period to period, we believe that the amount of revenue recognized in future periods will depend on, among other things, the competitiveness of our new technology, the length of our sales cycle, and the size, duration, terms, type and timing of our:

- Contract renewals with existing customers;
- Additional sales to existing customers; and
- Sales to new customers.

A substantial portion of our total revenue is recognized over multiple periods. However, a significant portion of our product revenue is recognized upon delivery of licensed software, which generally occurs upon the later of the effective date of the arrangement or delivery of the software product.

The value and duration of contracts, and consequently product revenue recognized, is affected by the competitiveness of our products. Product revenue recognized in any period is also affected by the extent to which customers purchase subscription, term or perpetual licenses, and the extent to which contracts contain flexible payment terms. The timing of revenue recognition is also affected by changes in the extent to which existing contracts contain flexible payment terms and by changes in contractual arrangements with existing customers (e.g., customers transitioning from subscription license arrangements to term license arrangements).

## ***Revenue and Revenue Mix***

We analyze our software and hardware businesses by product group, combining revenues for both product and maintenance because of their interrelationship. We have formulated a design solution strategy that combines our design technologies into platforms, which are included in the various product groups described below.

Our product groups are:

*Functional Verification:* Products in this group, which include the Incisive functional verification platform, are used to verify that the high level, logical representation of an IC design is functionally correct.

*Digital IC Design:* Products in this group, which include the Encounter digital IC design platform, are used to accurately convert the high-level, logical representation of a digital IC into a detailed physical blueprint and then

detailed design information showing how the IC will be physically implemented. This data is used for creation of the photomasks used in chip manufacture.

*Custom IC Design:* Our custom design products, which include the Virtuoso custom design platform, are used for ICs that must be designed at the transistor level, including analog, radio frequency, memories, high performance digital blocks and standard cell libraries. Detailed design information showing how an IC will be physically implemented is used for creation of the photomasks used in chip manufacture.

*System Interconnect Design:* This product group consists of our PCB and IC package design products, including the Allegro and OrCAD products. The Allegro system interconnect design platform enables consistent co-design of interconnects across ICs, IC packages and PCBs, while the OrCAD line focuses on cost-effective, entry-level PCB solutions.

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*Design for Manufacturing:* Included in this product group are our physical verification and analysis products. These products are used to analyze and verify that the physical blueprint of the integrated circuit has been constructed correctly and can be manufactured successfully.

**Revenue by Year**

The following table shows our revenue for the fiscal years 2007, 2006 and 2005 and the percentage change in revenue between years:

	2007	2006	2005	% Change	
		(In millions)		2007 vs. 2006	2006 vs. 2005
Product	\$ 1,104.0	\$ 982.7	\$ 851.5	12%	15%
Services	125.8	134.9	126.2	(7)%	7%
Maintenance	385.2	366.3	351.5	5%	4%
Total revenue	\$ 1,615.0	\$ 1,483.9	\$ 1,329.2	9%	12%

*2007 compared to 2006*

Product revenue was higher in 2007, as compared to 2006, primarily because of increased revenue from licenses for Digital IC Design, Functional Verification and Custom IC Design products, partially offset by a small decrease in revenue from licenses for DFM products. Digital IC Design was the fastest growing platform in 2007.

*2006 compared to 2005*

Product revenue was higher in 2006, as compared to 2005, primarily because of increased revenue from licenses for Functional Verification and Custom IC Design products, partially offset by a small decrease in revenue from licenses for DFM products. Functional verification was the fastest growing platform in 2006.

**Revenue by Product Group**

The following table shows the percentage of product and related maintenance revenue contributed by each of our five product groups, and Services and other in fiscal 2007, 2006 and 2005:

	2007	2006	2005
Functional Verification	24%	24%	21%
Digital IC Design	27%	24%	28%
Custom IC Design	27%	27%	25%
System Interconnect Design	8%	9%	8%
Design for Manufacturing	6%	7%	9%
Services and other	8%	9%	9%
Total	100%	100%	100%

As described under the heading *Critical Accounting Estimates* above, certain of our licenses allow customers the ability to remix among software products. Additionally, we have licensed a combination of our products to customers with the actual product selection and number of licensed users to be determined at a later date. For these arrangements, we estimate the allocation of the revenue to product groups based upon the expected usage of our products by these customers. The actual usage of our products by these customers may differ and, if that proves to be the case, the revenue allocation in the above table would differ.

Although we believe the methodology of allocating revenue to product groups is reasonable, there can be no assurance that such allocated amounts reflect the amounts that would result had the customer individually licensed each specific software solution at the onset of the arrangement.



**Table of Contents*****Revenue by Geography***

	2007	2006	2005	% Change	
		(In millions)		2007 vs. 2006	2006 vs. 2005
United States	\$ 741.9	\$ 765.1	\$ 613.2	(3)%	25%
Other Americas	34.8	31.3	20.3	11%	54%
Europe, Middle East and Africa	296.9	284.4	245.0	4%	16%
Japan	342.6	247.9	333.2	38%	(26)%
Asia	198.8	155.2	117.5	28%	32%
Total revenue	\$ 1,615.0	\$ 1,483.9	\$ 1,329.2	9%	12%

***Revenue by Geography as a Percentage of Total Revenue***

	2007	2006	2005
United States	46%	52%	46%
Other Americas	2%	2%	2%
Europe, Middle East and Africa	19%	19%	18%
Japan	21%	17%	25%
Asia	12%	10%	9%

The rate of revenue change varies geographically primarily due to differences in the timing and size of term licenses in those regions. No single customer accounted for 10% or more of total revenue in 2007, 2006 or 2005.

Changes in foreign currency exchange rates caused our revenue to increase by \$2.9 million in 2007 compared to 2006, primarily due to a decrease in the valuation of the United States dollar when compared to the European Union euro and the British pound, partially offset by an increase in the valuation of the United States dollar when compared to the Japanese yen. Changes in foreign currency exchange rates caused our revenue to decrease \$12.0 million in 2006 as compared to 2005 primarily due to an increase in the valuation of the United States dollar when compared to the Japanese yen. Additional information about revenue and other financial information by geography can be found in Note 22 to our Consolidated Financial Statements.

***Stock-based Compensation Expense Summary***

Stock-based compensation expense is reflected throughout our costs and expenses in fiscal 2007, 2006 and 2005 as follows:

	2007	2006	2005
		(In millions)	
Cost of product	\$ 0.2	\$ 0.2	\$ ----

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Cost of services	3.9	4.0	0.6
Cost of maintenance	2.5	2.5	0.4
Marketing and sales	22.2	23.9	9.1
Research and development	46.3	50.9	19.3
General and administrative	26.3	22.5	10.5
Total	\$ 101.4	\$ 104.0	\$ 39.9

**Table of Contents*****Cost of Revenue***

	2007	2006	2005	2007 vs. 2006	% Change 2006 vs. 2005
	(In millions)				
Product	\$ 60.1	\$ 66.8	\$ 79.7	(10)%	(16)%
Services	93.4	96.5	91.9	(3)%	5%
Maintenance	61.1	63.8	59.8	(4)%	7%

***Cost of Revenue as a Percentage of Related Revenue***

	2007	2006	2005
Product	5%	7%	9%
Services	74%	72%	73%
Maintenance	16%	17%	17%

Cost of product includes costs associated with the sale or lease of our hardware and licensing of our software products. Cost of product primarily includes the cost of employee salary, benefits and other employee-related costs, including stock-based compensation expense, amortization of acquired intangibles directly related to Cadence products, the cost of technical documentation and royalties payable to third-party vendors. Cost of product associated with our hardware products also includes materials, assembly and overhead. These additional manufacturing costs make our cost of hardware product higher, as a percentage of revenue, than our cost of software product.

A summary of Cost of product in fiscal 2007, 2006 and 2005 is as follows:

	2007	2006	2005
	(In millions)		
Product related costs	\$ 37.8	\$ 33.6	\$ 32.7
Amortization of acquired intangibles	22.3	33.2	47.0
Total Cost of product	\$ 60.1	\$ 66.8	\$ 79.7

***2007 compared to 2006***

Cost of product decreased \$6.7 million in 2007 as compared to 2006, primarily due to:

A decrease of \$10.9 million in amortization of acquired intangible assets because certain acquired intangible assets became fully amortized during the period; partially offset by  
An increase of \$5.0 million in hardware costs attributable to increased hardware sales.

***2006 compared to 2005***

Cost of product decreased \$12.9 million in 2006 as compared to 2005, primarily due to:

A decrease of \$13.8 million in amortization of acquired intangible assets because certain acquired intangible assets became fully amortized during the period; partially offset by  
An increase of \$5.3 million in hardware costs attributable to increased hardware sales.

Cost of product depends primarily upon the extent to which we acquire intangible assets, acquire licenses and incorporate third-party technology in our products that are licensed or sold in any given period, and the actual mix of hardware and software product sales in any given period.

Cost of services primarily includes employee salary, benefits and other employee-related costs, costs to maintain the infrastructure necessary to manage a services organization, and provisions for contract losses, if any. There were no material fluctuations in these components of Cost of services during 2007, as compared to 2006, or during 2006, as compared to 2005.

Cost of maintenance includes the cost of customer services, such as hot-line and on-site support, employee salary, benefits and other employee-related costs, and documentation of maintenance updates. There were no

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material fluctuations in these components of Cost of maintenance during 2007, as compared to 2006, or during 2006, as compared to 2005.

***Operating Expenses***

	2007	2006 (In millions)	2005	% Change 2007 vs. 2006      2006 vs. 2005	
Marketing and sales	\$ 407.1	\$ 405.6	\$ 366.2	0%	11%
Research and development	494.0	460.1	390.7	7%	18%
General and administrative	169.0	143.3	129.6	18%	11%
Total operating expenses	\$ 1,070.1	\$ 1,009.0	\$ 886.5	6%	14%

***Operating Expenses as a Percentage of Total Revenue***

	2007	2006	2005
Marketing and sales	25%	27%	28%
Research and development	31%	31%	29%
General and administrative	10%	10%	10%

**Operating Expense Summary*****2007 compared to 2006***

Operating expenses increased \$61.1 million in 2007, as compared to 2006, primarily due to:

- An increase of \$55.1 million in salary, benefits and other employee-related costs, primarily due to an increased number of employees and increases in salary costs; and
- An increase of \$18.4 million in litigation (see discussion under the heading **Item 3 Legal Proceedings** above), legal and other professional services costs; partially offset by
- A decrease of \$10.9 million due to the portion of the gain on the sale of land and buildings that relates to our operating expenses.

Fluctuations in foreign currency exchange rates, primarily due to the decrease in the valuation of the United States dollar when compared to the European Union euro, the British pound and the Indian rupee, partially offset by the increase in the valuation of the United States dollar when compared to the Japanese yen, increased operating expenses by \$12.6 million in 2007, as compared to 2006.

***2006 compared to 2005***

Overall operating expenses increased \$122.5 million in 2006, as compared to 2005, primarily due to:

An increase of \$58.4 million in stock-based compensation expense due to our adoption of SFAS No. 123R; and

An increase of \$49.2 million in salary, benefits and other employee-related costs, primarily due to an increased number of employees and increases in bonus and commission costs, in part due to our acquisition of Verisity Ltd., or Verisity, in the second quarter of 2005.

## **Marketing and Sales**

### *2007 compared to 2006*

Marketing and sales expense increased \$1.5 million in 2007, as compared to 2006, primarily due to:

An increase of \$8.8 million in salary, benefits and other employee-related costs, primarily due to an increased number of employees and increases in salary costs; partially offset by

A decrease of \$1.8 million in stock-based compensation;

A decrease of \$2.3 million in professional services costs; and

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A decrease of \$3.8 million due to the portion of the gain on the sale of land and buildings that relates to Marketing and sales expense.

*2006 compared to 2005*

Marketing and sales expense increased \$39.4 million in 2006, as compared to 2005, primarily due to:

An increase of \$14.8 million in stock-based compensation expense due to our adoption of SFAS No. 123R;  
An increase of \$18.2 million in employee salary, commissions, benefits and other employee-related costs due to increased hiring of sales and technical personnel, and higher commissions earned resulting from an increase in 2006 sales performance; and  
An increase of \$7.8 million in marketing programs and customer-focused conferences due to our new marketing initiatives and increased travel to visit our customers.

**Research and Development**

*2007 compared to 2006*

Research and development expense increased \$33.9 million in 2007, as compared to 2006, primarily due to:

An increase of \$38.1 million in salary, benefits and other employee-related costs, primarily due to an increased number of employees to support product development, our acquisitions of Clear Shape Technologies, Inc. and Invarium, Inc., and increases in salary costs;  
An increase of \$4.1 million in third-party development costs; and  
An increase of \$2.9 million in computer equipment lease costs and maintenance costs associated with third-party software; partially offset by  
A decrease of \$4.6 million in stock-based compensation; and  
A decrease of \$6.5 million due to the portion of the gain on the sale of land and buildings that relates to Research and development expense.

*2006 compared to 2005*

Research and development expense increased \$69.4 million in 2006, as compared to 2005, primarily due to:

An increase of \$31.6 million in stock-based compensation expense due to our adoption of SFAS No. 123R;  
An increase of \$28.3 million in employee salary, benefits and other employee-related costs due to increased staffing to support product development and higher employee salaries;  
An increase of \$3.9 million in third-party development costs; and  
An increase of \$3.3 million in computer equipment lease costs and maintenance costs associated with third-party software.

**General and Administrative**

*2007 compared to 2006*

General and administrative expense increased \$25.7 million in 2007, as compared to 2006, primarily due to:

An increase of \$18.4 million in litigation (see discussion under the heading Item 3 Legal Proceedings above), legal and other professional services costs;

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An increase of \$8.2 million in employee salary, benefits and other employee-related costs;  
An increase of \$3.9 million in stock-based compensation expense; and  
An increase of \$3.8 million in bad debt expense, reflecting a lower amount of bad debt recoveries; partially offset by  
A decrease of \$6.5 million in losses on the sale of installment contract receivables.

*2006 compared to 2005*

General and administrative expense increased \$13.7 million in 2006, as compared to 2005, primarily due to:

An increase of \$12.0 million in stock-based compensation expense due to our adoption of SFAS No. 123R; and



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An increase of \$9.6 million in losses on the sale of installment contract receivables due to higher discount rates; partially offset by

A decrease of \$7.1 million in costs related to the retirement of our Executive Chairman and former President and Chief Executive Officer in 2005; and

A decrease of \$3.6 million in bad debt expense.

***Amortization of Acquired Intangibles***

	2007	2006 (In millions)	2005
Amortization of acquired intangibles	\$ 19.4	\$ 23.1	\$ 47.8

***2007 compared to 2006***

Amortization of acquired intangibles decreased \$3.7 million in 2007, as compared to 2006, primarily due to a decrease of \$8.7 million resulting from the full amortization of certain acquired intangibles, which was partially offset by \$5.0 million resulting from intangibles acquired during 2006 and 2007.

***2006 compared to 2005***

Amortization of acquired intangibles decreased \$24.7 million in 2006, as compared to 2005, primarily due to a decrease of \$27.5 million resulting from the full amortization of certain acquired intangibles, which was partially offset by \$2.8 million resulting from intangibles acquired during 2005 and 2006.

***Restructuring and Other Charges***

We initiated a separate plan of restructuring in each year from 2001 through 2005 in an effort to operate more efficiently. A summary of Restructuring and other charges in fiscal years 2007, 2006 and 2005 is as follows:

	Severance and Benefits	Asset- Related (In millions)	Excess Facilities	Total
2007	\$ ----	\$ ----	\$ (9.7)	\$ (9.7)
2006	(0.1)	----	(0.7)	(0.8)
2005	20.4	2.4	12.5	35.3

On October 5, 2007, we completed a lease termination agreement for a facility included in the 2001 restructuring plan, whereby we paid \$8.2 million and were released from all future obligations related to the facility. We recorded a credit to Restructuring and other charges of \$7.1 million during the year ended December 29, 2007, representing the lease loss accrual related to this facility in excess of the amount paid.

During 2005, we recorded Restructuring and other charges of \$35.3 million, which included \$20.4 million of workforce reduction costs associated primarily with our 2005 restructuring plan, and excess facility costs of

\$12.5 million, which consisted primarily of changes in lease loss estimates for facilities included in our 2001, 2002 and 2003 restructuring plans.

Each reporting period, we evaluate the adequacy of the lease loss accrual. We adjust the lease loss accrual for changes in real estate markets or other factors that may affect estimated costs or sublease income. We also consider executed sublease agreements and adjust the lease loss accrual if sublease income under the agreement differs from initial estimates. The credits recorded during 2007 and 2006 primarily relate to changes in lease loss estimates.

As of December 29, 2007, our total amount accrued for restructuring and other charges of \$10.2 million consisted solely of estimated lease losses related to the restructuring activities initiated since 2001. This amount may be adjusted in the future based upon changes in the assumptions used to estimate the lease loss.

Because the restructuring charges and related benefits are derived from management's estimates made during the formulation of the restructurings, based on then-currently available information, our restructuring activities may not achieve the benefits anticipated on the timetable or at the level contemplated. Demand for our products and

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services and, ultimately, our future financial performance, is difficult to predict with any degree of certainty. Accordingly, additional actions, including further restructuring of our operations, may be required in the future.

***Write-off of Acquired In-Process Research and Development***

Upon consummation of an acquisition, we immediately charge to expense any acquired in-process research and development that has not yet reached technological feasibility and has no alternative future use. The value assigned to acquired in-process research and development is determined by identifying research projects in areas for which technological feasibility has not been established. The values are determined by estimating costs to develop the acquired in-process research and development into commercially viable products, estimating the resulting net cash flows from such projects and discounting the net cash flows back to their present value. The discount rates utilized include a factor that reflects the uncertainty surrounding successful development of the acquired in-process research and development.

The following table summarizes our write-offs of acquired in-process research and development charges in fiscal 2007, 2006 and 2005:

	2007	2006	2005
	(In millions)		
Verisity Ltd.	\$ ----	\$ ----	\$ 9.4
2006 acquisition	----	0.9	----
2007 acquisitions	2.7	----	----
Total in-process research and development	\$ 2.7	\$ 0.9	\$ 9.4

The following table summarizes, as of December 29, 2007, the status of in-process research and development acquired in fiscal 2007, 2006 and 2005:

	Discount Rates	Expected Commercial Feasibility	Expenditures Incurred to Complete In-Process Research and Development	Estimated Remaining Expenditures to Complete In-Process Research and Development
			(In millions)	
Verisity Ltd.	19% to 32%	December 2006	\$ 4.3	\$ ----
2006 acquisition	33%	January 2007	0.3	----
2007 acquisitions	19% to 21%	December 2008	0.7	4.1
Total Expenditures			\$ 5.3	\$ 4.1

***Loss on Extinguishment of Debt***

We recorded a Loss on extinguishment of debt of \$40.8 million during the year ended December 30, 2006, which includes a premium paid to repurchase a portion of the 2023 Notes of \$38.9 million and a write-off of the related portion of unamortized deferred costs of issuing the 2023 Notes of \$1.9 million.

***Interest Expense***

	2007	2006 (In millions)	2005
Interest expense	\$ 12.4	\$ 12.3	\$ 5.4

**Table of Contents***2007 compared to 2006*

During 2007, the primary component of Interest expense was the Convertible Senior Notes, which were issued in December 2006. During 2006, the primary component of interest expense was our Term Loan, the repayment of which was completed in March 2007.

*2006 compared to 2005*

Interest expense increased \$6.9 million in 2006, as compared to 2005, primarily due to the increased interest of \$6.4 million related to our Term Loan, which was entered into on December 19, 2005 and the repayment of which was completed in March 2007.

***Other Income, net***

Other income, net, for fiscal 2007, 2006 and 2005 was as follows:

	2007	2006	2005
		(In millions)	
Interest income	\$ 48.1	\$ 39.3	\$ 15.6
Gains on sale of non-marketable securities	6.0	19.9	2.5
Gains on available-for-sale securities	4.4	6.7	9.2
Gains on securities in Cadence's non-qualified deferred compensation trust	7.6	6.4	6.6
Gains (losses) on foreign exchange	(2.4)	1.9	4.5
Telos termination costs	----	----	(2.6)
Telos management fees	----	(0.9)	(2.4)
Equity loss from investments	(3.0)	(1.2)	(6.5)
Write-down of investments	(2.6)	(2.5)	(10.9)
Other income (expense)	0.4	0.8	(0.9)
Total other income, net	\$ 58.5	\$ 70.4	\$ 15.1

The increases in interest income in 2007, as compared to 2006, and in 2006, as compared to 2005, were due to increases in our Cash and cash equivalents balances as well as higher interest rates applicable to those balances.

In January 2006, KhiMetrics, Inc., a cost method investment held by Telos Venture Partners, a limited partnership in which we and our 1996 Deferred Compensation Venture Investment Plan Trust are the sole limited partners, was sold for consideration of \$6.53 per share of common stock. In connection with this sale, we received approximately \$20.2 million in cash and recorded a gain of approximately \$17.1 million during the year ended December 30, 2006. In addition, our 1996 Deferred Compensation Venture Investment Plan Trust received \$2.9 million in cash and recorded a gain of \$2.5 million during the year ended December 30, 2006. Under the purchase agreement, an additional 10% of the consideration was held in escrow, which was released to us and to the trust in January 2007. Upon receipt of these additional proceeds, we recorded a gain of \$2.6 million and our 1996 Deferred Compensation Venture Investment Plan Trust recorded a gain of \$0.4 million in the year ended December 29, 2007.

***Provision for Income Taxes***

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The provision for income taxes and the effective tax rates in fiscal 2007, 2006 and 2005 were as follows:

	2007	2006	2005
	(In millions, except percentages)		
Provision for income taxes	\$ 67.8	\$ 99.7	\$ 79.1
Effective tax rate	19%	41%	62%

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*2007 compared to 2006*

Our effective tax rate decreased in 2007, as compared to 2006, primarily due to the decrease in net unrecognized tax benefit of \$27.8 million as a result of the effective settlement of certain tax matters with the IRS in December 2007 and an increase in benefit from foreign income, which is taxed at a lower rate than the United States federal statutory income tax rate, of \$30.6 million, resulting from the conclusion of certain transfer pricing arrangements with a foreign subsidiary in 2006.

We currently expect the effective tax rate for 2008 to be approximately 33%. The increase in the expected 2008 effective tax rate, as compared to 2007, is primarily due to the 2007 effective settlement of certain tax positions with the IRS and the expiration of the federal research tax credits after December 31, 2007, neither of which is expected to provide tax benefits in 2008.

*2006 compared to 2005*

Our effective tax rate decreased in 2006, as compared to 2005, primarily due to the \$30.1 million of federal, state and foreign income taxes incurred upon our 2005 repatriation of \$500.0 million of certain foreign earnings under the American Jobs Creation Act, which increased the 2005 annual effective tax rate by approximately 23 percentage points.

*Deferred Tax Assets and IRS Examinations*

As of December 29, 2007, we had total net deferred tax assets of approximately \$250.6 million. Realization of the deferred tax assets will depend on generating sufficient taxable income of the appropriate character prior to the expiration of certain net operating loss, capital loss and tax credit carryforwards. Although realization is not assured, we believe it is more likely than not that the net deferred tax assets will be realized. The amount of the net deferred tax assets, however, could be reduced or increased in the near term if actual facts, including the estimate of future taxable income, differ from those estimated.

The Internal Revenue Service, or IRS, and other tax authorities regularly examine our income tax returns. In November 2003, the IRS completed its field examination of our federal income tax returns for the tax years 1997 through 1999 and issued a Revenue Agent's Report, or RAR, in which the IRS proposed to assess an aggregate tax deficiency for the three-year period of approximately \$143.0 million. The most significant of the disputed adjustments for the tax years 1997 through 1999 related to transfer pricing arrangements that we had with a foreign subsidiary. In December 2007, the Joint Committee on Taxation of the U.S. Congress, or the Joint Committee, approved and the Appeals Office executed settlement agreements resulting in an effective settlement of the transfer pricing dispute for purposes of FIN No. 48. As a result of this effective settlement, we recognized a tax benefit of \$27.8 million in our Consolidated Income Statement.

We did not reach a settlement with the Appeals Office of the IRS on separate tax refund claims that would increase our tax deductions for foreign trade income for the tax years 1997 through 1999. We continue to believe that our position is well supported and we are currently considering our options for further pursuing this matter.

In July 2006, the IRS completed its field examination of our federal income tax returns for the tax years 2000 through 2002 and issued an RAR in which the IRS proposed to assess an aggregate tax deficiency for the three-year period of approximately \$324.0 million. In November 2006, the IRS revised the proposed aggregate tax deficiency for the three-year period to be approximately \$318.0 million. The IRS is contesting our qualification for deferred recognition of certain proceeds received from restitution and settlement in connection with litigation during the period. The proposed tax deficiency for this item is approximately \$152.0 million. The remaining proposed tax deficiency of

approximately \$166.0 million is primarily related to proposed adjustments to our transfer pricing arrangements that we had with foreign subsidiaries and to our deductions for foreign trade income. The IRS may make similar claims against our transfer pricing arrangements and deductions for foreign trade income in future examinations. We have filed a timely protest with the IRS and will seek resolution of the issues with the Appeals Office.

We believe that the proposed IRS adjustments are inconsistent with applicable tax laws and we are vigorously challenging these proposed adjustments. The RAR is not a final Statutory Notice of Deficiency but the IRS imposes interest on the proposed deficiencies until the matters are resolved. Interest is compounded daily at rates published



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by the IRS, which rates are adjusted quarterly and have been between 4% and 10% since 2001. The IRS is currently examining our federal income tax returns for the tax years 2003 through 2005.

Significant judgment is required in applying the principles of FIN No. 48 and SFAS No. 109. The calculation of our provision for income taxes involves dealing with uncertainties in the application of complex tax laws and regulations. In determining the adequacy of our provision for income taxes, we regularly assess the potential settlement outcomes resulting from income tax examinations. However, the final outcome of tax examinations, including the total amount payable or the timing of any such payments upon resolution of these issues, cannot be estimated with certainty. In addition, we cannot be certain that such amount will not be materially different than that which is reflected in our historical income tax provisions and accruals. Should the IRS or other tax authorities assess additional taxes as a result of a current or a future examination, we may be required to record charges to operations in future periods that could have a material impact on our results of operations, financial position or cash flows in the applicable period or periods.

**Liquidity and Capital Resources**

	As of and for the years ended		
	December 29, 2007	December 30, 2006	December 31, 2005
	(In millions, except percentages)		
Cash, cash equivalents and Short-term investments	\$ 1,078.1	\$ 958.4	\$ 894.6
Net working capital	744.1	763.9	670.5
Cash provided by operating activities	402.4	421.2	426.3
Cash used for investing activities	(108.4)	(111.8)	(222.7)
Cash provided by (used for) financing activities	(170.1)	(233.9)	205.3

***Cash, cash equivalents and short-term investments***

As of December 29, 2007, our principal sources of liquidity consisted of \$1,078.1 million of Cash and cash equivalents and Short-term investments, as compared to \$958.4 million as of December 30, 2006 and \$894.6 million as of December 31, 2005. The primary sources of our cash in 2007 and 2006 were:

- Customer payments under software licenses and from the sale or lease of our hardware products;
- Customer payments for design and methodology services;
- Proceeds from the sale of receivables;
- Proceeds from the sale of land and buildings on our San Jose campus in 2007;
- Proceeds from the issuance of the Convertible Senior Notes in 2006;
- Proceeds from the separate warrant sale transactions entered into in connection with the issuance of the Convertible Senior Notes in 2006;
- Proceeds from the termination of a portion of the hedge transactions originally entered into in connection with the issuance of our 2023 Notes in 2006;
- Proceeds from the exercise of stock options; and
- Common stock purchases under our employee stock purchase plans.

Our primary uses of cash in 2007 and 2006 consisted of:

- Payments relating to payroll, product, services and other operating expenses;
- Payments of taxes;

Purchases of property, plant and equipment, including payments associated with our construction of a new building on our headquarters campus in San Jose;

Payments of long-term debt and repurchases of a portion of the 2023 Notes;

Payments made to purchase hedges in connection with our issuance of the Convertible Senior Notes in 2006;

Payments made to terminate a portion of the warrant transactions originally entered in connection with the issuance of our 2023 Notes in 2006;

Purchases of treasury stock; and

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Payments related to business acquisitions, asset acquisitions and intangible acquisitions.

***Cash flows from operating activities***

Cash flows from operating activities are provided by net income, adjusted for certain non-cash charges such as depreciation, amortization and stock-based compensation, as well as changes in the balance of certain assets and liabilities. Our cash flows from operating activities are significantly influenced by the payment terms set forth in our license agreements and by sales of our receivables.

We have entered into agreements whereby we may transfer accounts receivable to certain financing institutions on a non-recourse or limited-recourse basis. These transfers are recorded as sales and accounted for in accordance with SFAS No. 140, Accounting for Transfers and Servicing of Financial Assets and Extinguishments of Liabilities. During 2007, we transferred accounts receivable, net of the losses on the sale of the receivables, totaling \$215.4 million, which approximated fair value, to financing institutions on a non-recourse basis, as compared to \$180.6 million in 2006 and \$192.1 million in 2005. As a result of the credit losses recorded by banks in the second half of 2007, a number of banks have become less willing to purchase assets because of capital constraints and concerns about over-exposure to the technology sector, and we expect a reduced level of Proceeds from the sale of receivables in 2008.

Net cash provided by operating activities of \$402.4 million for the year ended December 29, 2007 was primarily comprised of:

- Net income, net of non-cash related expenses, of \$533.0 million;
- An increase in cash received for deferred revenue of \$44.8 million; and
- An increase in Accounts payable and other accrued liabilities of \$20.4 million, primarily due to accrued severance and legal settlement costs, net of non-cash investing activities of \$12.5 million for the purchase of acquired intangibles; partially offset by
- An increase in Receivables, net and Installment contract receivables of \$162.5 million, net of sales of receivables, due to the payment terms set forth in our license agreements; and
- A decrease in Other long-term liabilities for the income tax benefit of a settlement with the IRS of \$27.8 million.

Net cash provided by operating activities of \$421.2 million for the year ended December 30, 2006 was primarily comprised of:

- Net income, net of non-cash related expenses, of \$427.1 million;
- An increase in cash received for deferred revenue of \$24.4 million; and
- A decrease in Receivables, net and Installment contract receivables of \$11.6 million, net of sales of receivables, due to the payment terms set forth in our license agreements; partially offset by
- A decrease in Accounts payable and other accrued liabilities of \$51.5 million, primarily due to payments of income taxes.

Net cash provided by operating activities of \$426.3 million for the year ended December 31, 2005 was primarily comprised of:

- Net income, net of non-cash related expenses, of \$283.6 million; and
- A decrease in Receivables, net and Installment contract receivables of \$91.4 million, net of sales of receivables, due to the payment terms set forth in our license agreements; and
- An increase in cash received for deferred revenue of \$32.6 million.

***Cash flows from investing activities***

Our primary investing activities consisted of:

Purchases and proceeds from the sale of property, plant and equipment;  
Acquisitions of businesses, assets and intangibles; and  
Proceeds from the sale of long-term investments.

In January 2006, KhiMetrics, Inc., a cost method investment held by Telos Venture Partners, a limited partnership in which we and our 1996 Deferred Compensation Venture Investment Plan Trust are the sole limited partners, was sold for consideration of \$6.53 per share of common stock. In connection with this sale, we received

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approximately \$20.2 million in cash and recorded a gain of approximately \$17.5 million during the year ended December 30, 2006. In addition, our 1996 Deferred Compensation Venture Investment Plan Trust received \$2.9 million in cash and recorded a gain of \$2.5 million during the year ended December 30, 2006. Under the purchase agreement, an additional 10% of the consideration was held in escrow, which was released to us and to the trust in January 2007. Upon receipt of these additional proceeds, we recorded a gain of \$2.6 million and our 1996 Deferred Compensation Venture Investment Plan Trust recorded a gain of \$0.4 million in the year ended December 29, 2007.

*2007 compared to 2006*

Net cash used for investing activities decreased by \$3.3 million in 2007, as compared to 2006. The decrease was primarily due to:

- An increase of \$46.2 million in Proceeds from the sale of property, plant and equipment; partially offset by
- A decrease of \$19.7 million in Proceeds from the sale of Long-term investments;
- An increase of \$14.9 million in cash paid in business combinations and asset acquisitions, net of cash acquired, and acquisition of intangibles; and
- An increase of \$14.2 million in Purchases of property, plant and equipment, including payments associated with our construction of a new building on our San Jose campus.

In January 2007, we completed the sale of certain land and buildings in San Jose, California for a sales price of \$46.5 million in cash. Concurrently with the sale, we leased back from the purchaser all available space in the buildings. During the lease term, we are constructing an additional building located on our San Jose, California campus to replace the buildings we sold in this transaction. We used \$21.0 million in cash during 2007 for construction of this new building.

We expect to continue our investing activities, including purchasing property, plant and equipment, purchasing intangible assets, purchasing software licenses and making long-term equity investments.

*2006 compared to 2005*

Net cash used for investing activities decreased by \$110.9 million in 2006, as compared to 2005. The decrease was primarily due to:

- A decrease of \$180.8 million in Purchases of short-term investments; and
- A decrease of \$231.4 million in Cash paid in business combinations, net of cash acquired and acquisition of intangibles; partially offset by
- A decrease of \$289.2 million in Proceeds from the sale of short-term investments; and
- A decrease of \$33.3 million in Proceeds from the sale of property, plant and equipment.

***Cash flows from financing activities***

Financing cash flows during 2007 consisted primarily of the issuance of common stock under certain employee plans and purchases of treasury stock.

*2007 compared to 2006*

Net cash used for financing activities was \$170.1 million in 2007, as compared to net cash provided by financing activities of \$233.9 million in 2006. The change was primarily due to:

A net decrease of \$224.8 million in cash received upon issuance of the Convertible Senior Notes, net of cash paid to retire a portion of the 2023 Notes and the hedge and warrant transactions described below; partially offset by

An increase of \$98.8 million in Proceeds from the issuance of common stock due to an increased number of stock options exercised during 2007;

A decrease of \$104.0 million in Principal payments on the Term Loan; and

A decrease of \$75.5 million in Purchases of treasury stock.

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*2006 compared to 2005*

Net cash used for financing activities was \$233.9 million in 2006, as compared to net cash provided by financing activities of \$205.3 million in 2005. The change was primarily due to:

A net increase of \$224.8 million in cash received upon issuance of the Convertible Senior Notes, net of cash paid to retire a portion of the 2023 Notes and the hedge and warrant transactions described below; partially offset by

An increase of \$131.9 million in Principal payments on the Term Loan; and

An increase of \$393.0 million in Purchases of treasury stock.

***Other Factors Affecting Liquidity and Capital Resources***

**Income Taxes**

We provide for United States income taxes on the earnings of our foreign subsidiaries unless the earnings are considered indefinitely invested outside of the United States. As of December 29, 2007, the cumulative amount of earnings upon which United States income taxes have not been provided was approximately \$424.2 million. As of December 29, 2007, the unrecognized deferred tax liability for these earnings was approximately \$139.8 million. As of December 29, 2007, we intend to indefinitely reinvest our undistributed foreign earnings outside of the United States.

We adopted the provisions of FIN No. 48 on December 31, 2006, which was the first day of our 2007 fiscal year. We recognized a \$59.4 million decrease in the net liabilities for unrecognized tax benefits, which was accounted for as an increase to the December 31, 2006 balance of retained earnings. We also recognized a \$42.6 million decrease in the net liabilities for unrecognized tax benefits, which was accounted for as a \$35.3 million increase in the December 31, 2006 balance of Common stock and capital in excess of par value and a \$7.3 million decrease in the December 31, 2006 balance of Goodwill.

Upon adoption of FIN No. 48, we also recognized additional long-term income tax assets of \$115.0 million and additional long-term income tax liabilities of \$115.0 million to present the unrecognized tax benefits as gross amounts on the Consolidated Balance Sheet. We also decreased current income tax liabilities by \$26.2 million and increased long-term income tax liabilities by the same amount based on our anticipation of the amount of cash payments to be made within one year.

As of December 29, 2007, we had current income tax liabilities related to unrecognized tax benefits of \$7.0 million. As of December 29, 2007, we had long-term income tax liabilities related to unrecognized tax benefits of \$259.8 million. For additional information on the income tax liabilities related to unrecognized tax benefits, see the discussion under the heading "Contractual Obligations and Off Balance Sheet Arrangements" below.

The IRS and other tax authorities regularly examine our income tax returns. In November 2003, the IRS completed its field examination of our federal income tax returns for the tax years 1997 through 1999 and issued a Revenue Agent's Report, or RAR, in which the IRS proposed to assess an aggregate tax deficiency for the three-year period of approximately \$143.0 million. The most significant of the disputed adjustments for the tax years 1997 through 1999 related to transfer pricing arrangements that we had with a foreign subsidiary. In December 2007, the Joint Committee on Taxation of the U.S. Congress, or the Joint Committee, approved and the Appeals Office executed settlement agreements resulting in an effective settlement of the transfer pricing dispute for purposes of FIN No. 48. We expect to receive a refund of tax and interest of approximately \$3.7 million during the first half of 2008.

In July 2006, the IRS completed its field examination of our federal income tax returns for the tax years 2000 through 2002 and in November 2006, the IRS issued an amended RAR in which the IRS proposed to assess an aggregate tax deficiency for the three-year period of approximately \$318.0 million. For an additional description of the IRS tax examinations, see the discussion under the heading **Results of Operations** **Income Taxes** above.

We believe that the proposed IRS adjustments are inconsistent with applicable tax laws and we are vigorously challenging these proposed adjustments. The RAR is not a final Statutory Notice of Deficiency but the IRS imposes interest on the proposed deficiencies until the matters are resolved. Interest is compounded daily at rates published by the IRS, which rates are adjusted quarterly and have been between 4% and 10% since 2001.



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**1.375% Convertible Senior Notes Due 2011 and 1.500% Convertible Senior Notes Due 2013**

In December 2006, we issued \$250.0 million principal amount of 1.375% Convertible Senior Notes Due 2011, or the 2011 Notes, and \$250.0 million of 1.500% Convertible Senior Notes Due 2013, or the 2013 Notes, and collectively, the Convertible Senior Notes, to three initial purchasers in a private placement pursuant to Section 4(2) of the Securities Act for resale to qualified institutional buyers pursuant to SEC Rule 144A. We received net proceeds of approximately \$487.0 million after transaction fees of approximately \$13.0 million, including \$12.0 million of underwriting discounts. A portion of the net proceeds totaling \$228.5 million was used to purchase \$189.6 million principal amount of our Zero Coupon Zero Yield Senior Convertible Notes Due 2023, or the 2023 Notes.

Holders may convert their Convertible Senior Notes prior to maturity upon the occurrence of one of the following events:

- The price of our common stock reaches \$27.50 during certain periods of time specified in the Convertible Senior Notes;
- Specified corporate transactions occur; or
- The trading price of the Convertible Senior Notes falls below a certain threshold.

On and after November 2, 2011, in the case of the 2011 Notes, and November 1, 2013, in the case of 2013 Notes, until the close of business on the scheduled trading day immediately preceding the maturity date, holders may convert their Convertible Senior Notes at any time, regardless of the foregoing circumstances. We may not redeem the Convertible Senior Notes prior to maturity.

The initial conversion rate for the Convertible Senior Notes is 47.2813 shares of our common stock per \$1,000 principal amount of Convertible Senior Notes, equivalent to a conversion price of approximately \$21.15 per share of our common stock. Upon conversion, a holder will receive the sum of the daily settlement amounts, calculated on a proportionate basis for each day, during a specified observation period following the conversion date. The daily settlement amount during each date of the observation period consists of:

- Cash up to the principal amount of the note; and
- Our common stock to the extent that the conversion value exceeds the amount of cash paid upon conversion of the Convertible Senior Notes.

In addition, if a fundamental change occurs prior to maturity, we will, in certain cases, increase the conversion rate by an additional amount up to \$8.27 per share, for a holder that elects to convert its Convertible Senior Notes in connection with such fundamental change, which amount will be paid entirely in cash. A fundamental change is any transaction or event (whether by means of an exchange offer, liquidation, tender offer, consolidation, merger, combination, reclassification, recapitalization or otherwise) in connection with which more than 50% of our common stock is exchanged for, converted into, acquired for or constitutes solely the right to receive, consideration which is not at least 90% shares of common stock, or depositary receipts representing such shares, that are:

- Listed on, or immediately after the transaction or event will be listed on, a United States national securities exchange; or
- Approved, or immediately after the transaction or event will be approved, for quotation on a United States system of automated dissemination of quotations of securities prices similar to the NASDAQ National Market prior to its designation as a national securities exchange.

As of December 29, 2007, none of the conditions allowing the holders of the Convertible Senior Notes to convert had been met.

Interest on the Convertible Senior Notes began accruing in December 2006 and is payable semi-annually each December 15th and June 15th.

Concurrently with the issuance of the Convertible Senior Notes, we entered into hedge transactions with various parties whereby we have the option to purchase up to 23.6 million shares of our common stock at a price of \$21.15 per share, subject to adjustment. These options expire on December 15, 2011, in the case of the 2011 Notes, and December 15, 2013, in the case of the 2013 Notes, and must be settled in net shares. The aggregate cost of these hedge transactions was \$119.8 million and has been recorded as a reduction to Stockholders' equity in accordance with EITF No. 00-19, Accounting for Derivative Financial Instruments Indexed to, and Potentially Settled in, a

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**Company's Own Stock.** The estimated fair value of the hedges acquired in connection with the issuance of the Convertible Senior Notes was \$98.1 million as of December 29, 2007. Subsequent changes in the fair value of these hedges will not be recognized as long as the instruments remain classified as equity.

In separate transactions, we also sold warrants to various parties for the purchase of up to 23.6 million shares of our common stock at a price of \$31.50 per share in a private placement pursuant to Section 4(2) of the Securities Act. The warrants expire on various dates from February 2012 through April 2012 in the case of the 2011 Notes, and February 2014 through April 2014 in the case of the 2013 Notes, and must be settled in net shares. We received \$39.4 million in cash proceeds from the sale of these warrants, which has been recorded as a reduction to Stockholders' equity in accordance with EITF No. 00-19. The estimated fair value of the warrants sold in connection with the issuance of the Convertible Senior Notes was \$35.7 million as of December 29, 2007. Subsequent changes in the fair value of these warrants will not be recognized as long as the instruments remain classified as equity. The warrants will be included in diluted earnings per share, or EPS, to the extent the impact is not considered anti-dilutive.

## **Zero Coupon Zero Yield Senior Convertible Notes Due 2023**

In August 2003, we issued \$420.0 million principal amount of our 2023 Notes to two initial purchasers in a private placement pursuant to Section 4(2) of the Securities Act for resale to qualified institutional buyers pursuant to SEC Rule 144A. We received net proceeds of \$406.4 million after transaction fees of \$13.6 million that were recorded in Other long-term assets and are being amortized to interest expense using the straight-line method over five years, which is the duration of the first redemption period. The 2023 Notes were issued by us at par and bear no interest. The 2023 Notes are convertible into our common stock initially at a conversion price of \$15.65 per share, which would result in an aggregate of 26.8 million shares issued upon conversion, subject to adjustment upon the occurrence of specified events. In connection with the issuance of the Convertible Senior Notes in December 2006, we repurchased \$189.6 million principal amount of the 2023 Notes, reducing the aggregate number of shares to be issued upon conversion to 14.7 million.

We may redeem for cash all or any part of the 2023 Notes on or after August 15, 2008 for 100.00% of the principal amount. The holders of the 2023 Notes may require us to repurchase for cash all or any portion of their 2023 Notes on August 15, 2008 for 100.25% of the principal amount, on August 15, 2013 for 100.00% of the principal amount or on August 15, 2018 for 100.00% of the principal amount, by providing to the paying agent a written repurchase notice. The repurchase notice must be delivered during the period commencing 30 business days prior to the relevant repurchase date and ending on the close of business on the business day prior to the relevant repurchase date. In addition, we may redeem for cash all or any part of the 2023 Notes on or after August 15, 2008 for 100.00% of the principal amount, except for those 2023 Notes that holders have required us to repurchase on August 15, 2008 or on other repurchase dates, as described above. Because the 2023 Notes can be redeemed by the holders on August 15, 2008, the 2023 Notes are classified as a Current liability in our Consolidated Balance Sheet as of December 29, 2007.

Each \$1,000 of principal of the 2023 Notes will initially be convertible into 63.8790 shares of our common stock, subject to adjustment upon the occurrence of specified events. Holders of the 2023 Notes may convert their 2023 Notes prior to maturity only if:

- The price of our common stock reaches \$22.69 during certain periods of time specified in the 2023 Notes;
- Specified corporate transactions occur;
- The 2023 Notes have been called for redemption; or
- The trading price of the 2023 Notes falls below a certain threshold.

In the event of a fundamental change in our corporate ownership or structure, the holders may require us to repurchase all or any portion of their 2023 Notes for 100.00% of the principal amount. Upon a fundamental change in our

corporate ownership or structure, in certain circumstances we may choose to pay the repurchase price in cash, shares of our common stock or a combination of cash and shares of our common stock. As of December 29, 2007, none of the conditions allowing the holders of the 2023 Notes to convert had been met.

In connection with the issuance of the Convertible Senior Notes in December 2006, a portion of the proceeds were used to purchase in the open market 2023 Notes with a principal balance of \$189.6 million for a total purchase price of \$228.5 million. In connection with this purchase, we incurred expenses of \$40.8 million for the early

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extinguishment of debt. The loss on early extinguishment of debt included the call premium on the purchased 2023 Notes and the write-off of a portion of the unamortized deferred debt issuance costs.

Concurrently with the issuance of the 2023 Notes, we entered into hedge transactions with a financial institution whereby we originally acquired options to purchase up to 26.8 million shares of our common stock at a price of \$15.65 per share. These options expire on August 15, 2008 and must be settled in net shares. The cost of the hedge transactions to us was \$134.6 million. In connection with the purchase of a portion of the 2023 Notes in December 2006, we also sold 12.1 million of the hedges that were originally purchased in connection with the 2023 Notes and received proceeds of \$55.9 million.

In addition, we sold warrants for our common stock to a financial institution for the purchase of up to 26.8 million shares of our common stock at a price of \$23.08 per share. The warrants expire on various dates from February 2008 through May 2008 and must be settled in net shares. We received \$56.4 million in cash proceeds from the sale of these warrants. In connection with the purchase of a portion of the 2023 Notes in December 2006, we also purchased 12.1 million of the warrants for our common stock that were originally issued in connection with the 2023 Notes at a cost of \$10.2 million. The remaining outstanding warrants will be included in diluted EPS to the extent the impact is not considered anti-dilutive.

As of December 29, 2007, the estimated fair value of the remaining hedges acquired in connection with the issuance of the 2023 Notes was \$39.0 million and the estimated fair value of the remaining warrants sold in connection with the issuance of the 2023 Notes was \$0.2 million. Subsequent changes in the fair value of these hedge and warrant transactions will not be recognized as long as the instruments remain classified as equity.

**Contractual Obligations and Off Balance Sheet Arrangements**

A summary of our contractual obligations as of December 29, 2007 is as follows:

	Total	Payments Due by Period			
		Less Than 1 Year	1-3 Years (In millions)	3-5 Years	More Than 5 Years
Operating lease obligations	\$ 134.5	\$ 42.2	\$ 44.7	\$ 20.5	\$ 27.1
Purchase obligations	31.4	26.8	4.6	----	----
2023 Notes *	231.0	231.0	----	----	----
Convertible Senior Notes	500.0	----	----	250.0	250.0
Contractual interest payments	36.3	7.2	14.4	10.9	3.8
Current income tax payable and Unrecognized tax benefits	15.3	15.3	----	----	----
Other long-term contractual obligations u	226.4	----	219.7	3.5	3.2
Total	\$ 1,174.9	\$ 322.5	\$ 283.4	\$ 284.9	\$ 284.1

\* The 2023 Notes are due in August 2023. However, the holders of the 2023 Notes can require us to repurchase for cash all or a portion of the 2023 Notes on August 15, 2008 for 100.25% of the principal amount. Therefore, we have included \$230.4 million of principal of the 2023 Notes and \$0.6 million of premium on

the potential repurchase of the 2023 Notes in the Less Than 1 Year column in the above table.

- u Included in other long-term contractual obligations are long-term income tax liabilities related to unrecognized tax benefits of \$259.8 million, and of that amount we estimate that \$193.1 million will be paid within 1 to 3 years. We did not include the remaining long-term income tax liabilities of \$66.7 million in the table above, because we estimated that this liability can be offset by available net operating loss and tax credit carryforwards, and that future cash payments will not be required to settle this liability. However, the total amounts of income tax payable and the timing of such tax payments may depend upon the resolution of current and future tax examinations which cannot be estimated with

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certainty. The remaining portion of other long-term contractual obligations is primarily acquisition-related liabilities.

With respect to purchase obligations that are cancelable by us, the table includes the amount that would have been payable if we had canceled the obligation as of December 29, 2007 or the earliest cancellation date.

In connection with our acquisitions completed prior to December 29, 2007, we may be obligated to pay up to an aggregate of \$45.0 million in cash during the next 53 months if certain predefined performance goals are achieved in full.

We expect that current cash and short-term investment balances and cash flows that are generated from operations will be sufficient to meet our working capital and other capital requirements for at least the next 12 months.

As of December 29, 2007, we did not have any significant off-balance sheet arrangements, as defined in Item 303(a)(4)(ii) of SEC Regulation S-K.

## **New Accounting Standards**

In December 2007, the FASB issued SFAS No. 141R, *Business Combinations* and SFAS No. 160, *Noncontrolling Interests in Consolidated Financial Statements*, an amendment of Accounting Research Bulletin No. 51.

SFAS No. 141R will change how business acquisitions are accounted for and will impact financial statements both on the acquisition date and in subsequent periods. SFAS No. 160 will change the accounting and reporting for minority interests, which will be recharacterized as noncontrolling interests and classified as a component of equity.

SFAS No. 141R and SFAS No. 160 are effective for fiscal years beginning after December 15, 2008. Early adoption is not permitted. We are currently evaluating the impact that SFAS No. 141R and SFAS No. 160 will have on our consolidated financial statements.

In February 2007, the FASB issued SFAS No. 159, *The Fair Value Option for Financial Assets and Financial Liabilities*. Under SFAS No. 159, companies may elect to measure certain financial instruments and certain other items at fair value. The standard requires that unrealized gains and losses on items for which the fair value option has been elected be reported in earnings. SFAS No. 159 is effective for fiscal years beginning after November 15, 2007. We are currently evaluating the impact that SFAS No. 159 will have on our consolidated financial statements.

In September 2006, the FASB issued SFAS No. 157, *Fair Value Measurements*, which defines fair value, establishes guidelines for measuring fair value and expands disclosures regarding fair value measurements. SFAS No. 157 does not require any new fair value measurements but rather eliminates inconsistencies in guidance found in various prior accounting pronouncements. SFAS No. 157 is effective for fiscal years beginning after November 15, 2007. However, on February 12, 2008, the FASB issued FSP FAS No. 157-2, which delays the effective date of SFAS No. 157 for all non-financial assets and non-financial liabilities, except those that are recognized or disclosed at fair value in the financial statements on a recurring basis (at least annually), to fiscal years beginning after November 15, 2008 and interim periods within those fiscal years for items within the scope of FSP FAS No. 157-2. Effective for fiscal 2008, we will adopt SFAS No. 157 except as it applies to those non-financial assets and non-financial liabilities as described in FSP FAS No. 157-2. We are currently evaluating the impact that SFAS No. 157 will have on our consolidated financial statements.

## **Item 7A. Quantitative and Qualitative Disclosures About Market Risk**

### **Interest Rate Risk**

Our exposure to market risk for changes in interest rates relates primarily to our portfolio of Cash and cash equivalents. While we are exposed to interest rate fluctuations in many of the world's leading industrialized countries, our interest income and expense is most sensitive to fluctuations in the general level of United States interest rates. In this regard, changes in United States interest rates affect the interest earned on our Cash and cash equivalents and costs associated with foreign currency hedges.

We invest in high quality credit issuers and, by policy, limit the amount of our credit exposure to any one issuer. As part of our policy, our first priority is to reduce the risk of principal loss. Consequently, we seek to preserve our invested funds by limiting default risk, market risk and reinvestment risk. We mitigate default risk by investing in only high quality credit securities that we believe to have low credit risk and by positioning our portfolio to respond



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appropriately to a significant reduction in a credit rating of any investment issuer or guarantor. The short-term interest-bearing portfolio of Cash and cash equivalents includes only marketable securities with active secondary or resale markets to ensure portfolio liquidity.

All highly liquid investments with a maturity of three months or less at the date of purchase are considered to be cash equivalents. Investments with maturities greater than three months are classified as available-for-sale and are considered to be short-term investments. The carrying value of our interest-bearing instruments approximated fair value as of December 29, 2007. The following table presents the carrying value and related weighted average interest rates for our interest-bearing instruments, which are all classified as Cash and cash equivalents on our Consolidated Balance Sheet as of December 29, 2007.

	Carrying Value (In millions)	Average Interest Rate
Interest-Bearing Instruments:		
Cash variable rate	\$ 62.6	2.96%
Cash equivalents variable rate	864.2	4.91%
Cash equivalents fixed rate	112.1	0.64%
Total interest-bearing instruments	\$ 1,038.9	4.33%

**Foreign Currency Risk**

Most of our revenue, expenses and material business activity are transacted in the United States dollar. However, certain of our operations include transactions in foreign currencies and, therefore, we benefit from a weaker dollar, and in certain countries where we invoice customers in the local currency, we are adversely affected by a stronger dollar relative to major currencies worldwide. The primary effect of foreign currency transactions on our results of operations from a weakening United States dollar is an increase in revenue offset by a smaller increase in expenses. Conversely, the primary effect of foreign currency transactions on our results of operations from a strengthening United States dollar is a reduction in revenue offset by a smaller reduction in expenses.

We enter into foreign currency forward exchange contracts with financial institutions to protect against currency exchange risks associated with existing assets and liabilities. A foreign currency forward exchange contract acts as a hedge by increasing in value when underlying assets decrease in value or underlying liabilities increase in value due to changes in foreign exchange rates. Conversely, a foreign currency forward exchange contract decreases in value when underlying assets increase in value or underlying liabilities decrease in value due to changes in foreign exchange rates. These forward contracts are not designated as accounting hedges under SFAS No. 133, Accounting for Derivative Instruments and Hedging Activities, and, therefore, the unrealized gains and losses are recognized in Other income, net, in advance of the actual foreign currency cash flows with the fair value of these forward contracts being recorded as accrued liabilities or other current assets.

Our policy governing hedges of foreign currency risk does not allow us to use forward contracts for trading purposes. Our forward contracts generally have maturities of 90 days or less. The effectiveness of our hedging program depends on our ability to estimate future asset and liability exposures. We enter into currency forward exchange contracts based on estimated future asset and liability exposures. Recognized gains and losses with respect to our current hedging activities will ultimately depend on how accurately we are able to match the amount of currency forward

exchange contracts with actual underlying asset and liability exposures.

The following table provides information, as of December 29, 2007, about our forward foreign currency contracts. The information is provided in United States dollar equivalent amounts. The table presents the notional amounts, at contract exchange rates, and the weighted average contractual foreign currency exchange rates expressed as units of the foreign currency per United States dollar, which in some cases may not be the market

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convention for quoting a particular currency. All of these forward contracts matured prior to or during February 2008.

	Notional Principal (In millions)	Weighted Average Contract Rate
Forward Contracts:		
Japanese yen	\$ 44.8	110.60
British pound sterling	37.1	0.49
Indian rupee	11.6	39.38
Israeli shekel	8.0	3.93
Canadian dollar	6.5	1.01
European Union euro	6.1	0.68
Other	14.2	
Total	\$ 128.3	
Estimated fair value	\$ 1.6	

While we actively monitor our foreign currency risks, there can be no assurance that our foreign currency hedging activities will substantially offset the impact of fluctuations in currency exchange rates on our results of operations, cash flows and financial position.

**Equity Price Risk****1.375% Convertible Senior Notes Due 2011 and 1.500% Convertible Senior Notes Due 2013**

In December 2006, we issued \$250.0 million principal amount of 1.375% Convertible Senior Notes Due 2011, or the 2011 Notes, and \$250.0 million of 1.500% Convertible Senior Notes Due 2013, or the 2013 Notes and collectively, the Convertible Senior Notes, to three initial purchasers in a private placement pursuant to Section 4(2) of the Securities Act for resale to qualified institutional buyers pursuant to SEC Rule 144A. Concurrently with the issuance of the Convertible Senior Notes, we entered into hedge transactions with various parties and in separate transactions, sold warrants to various parties to reduce the potential dilution from the conversion of the Convertible Senior Notes and to mitigate any negative effect such conversion may have on the price of our common stock. For an additional description of the Convertible Senior Notes, including the hedge and warrants transactions, see the discussion under the heading **Item 7 Liquidity and Capital Resources Factors Affecting Liquidity and Capital Resources** above.

**Zero Coupon Zero Yield Senior Convertible Notes Due 2023**

In August 2003, we issued \$420.0 million principal amount of our 2023 Notes to two initial purchasers in a private placement pursuant to Section 4(2) of the Securities Act for resale to qualified institutional buyers pursuant to SEC Rule 144A. Concurrently with the issuance of the 2023 Notes, we entered into hedge transactions with one of the initial purchasers and in a separate transaction, sold warrants to one of the initial purchasers to reduce the potential dilution from the conversion of the 2023 Notes and to mitigate any negative effect such conversion may have on the price of our common stock. For an additional description of the 2023 Notes, including the hedge and warrants

transactions, see the discussion under the heading Item 7 Liquidity and Capital Resources Factors Affecting Liquidity and Capital Resources above.

### **Investments**

We have a portfolio of equity investments that includes marketable equity securities and non-marketable equity securities. Our equity investments are made primarily in connection with our strategic investment program. Under our strategic investment program, from time to time we make cash investments in companies with technologies that are potentially strategically important to us.

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The fair value of our portfolio of available-for-sale marketable equity securities, which are included in Short-term investments on the accompanying Consolidated Balance Sheets, was \$14.9 million as of December 29, 2007 and \$23.7 million as of December 30, 2006. While we actively monitor these investments, we do not currently engage in any hedging activities to reduce or eliminate equity price risk with respect to these equity investments. Accordingly, we could lose all or part of our investment portfolio of marketable equity securities if there is an adverse change in the market prices of the companies we invest in.

Our investments in non-marketable equity securities would be negatively affected by an adverse change in equity market prices, although the impact cannot be directly quantified. Such a change, or any negative change in the financial performance or prospects of the companies whose non-marketable securities we own, would harm the ability of these companies to raise additional capital and the likelihood of our being able to realize any gains or return of our investments through liquidity events such as initial public offerings, acquisitions and private sales. These types of investments involve a high degree of risk, and there can be no assurance that any company we invest in will grow or will be successful or that we will be able to liquidate a particular investment when desired. Accordingly, we could lose all or part of our investment.

Our investments in non-marketable equity securities had a carrying amount of \$26.2 million as of December 29, 2007 and \$31.4 million as of December 30, 2006. If we determine that an other-than-temporary decline in fair value exists for a non-marketable equity security, we write down the investment to its fair value and record the related write-down as an investment loss in our Consolidated Income Statements.

**Item 8. Financial Statements and Supplementary Data**

The financial statements required by Item 8 are submitted as a separate section of this Annual Report on Form 10-K. See Item 15, Exhibits and Financial Statement Schedules.

**Summary Quarterly Data    Unaudited**

	2007				2006			
	4th	3rd	2nd	1st	4th	3rd	2nd	1st
	(In thousands, except per share amounts)							
Revenue	\$ 457,943	\$ 400,924	\$ 390,961	\$ 365,185	\$ 431,020	\$ 366,148	\$ 358,513	\$ 328,214
Cost of revenue	56,150	52,404	51,564	54,390	53,921	52,735	59,846	60,597
Net income *	119,503	72,732	59,596	44,421	48,365	42,060	30,388	21,779
Net income per share basic * u	0.44	0.27	0.22	0.16	0.18	0.15	0.11	0.08
Net income per share diluted *	0.41	0.24	0.20	0.15	0.16	0.14	0.10	0.07

u

- \* During the quarter ended December 29, 2007, we recorded an income tax benefit of \$27.8 million related to the settlement of a tax dispute with the IRS and litigation costs of \$8.1 million. For an additional description of the tax benefit, see the discussion under the heading **Item 7 Management's Discussion and Analysis of Financial Condition and Results of Operations Results of Operations Provision for Income Taxes** above. For an additional description of the legal costs, see the discussion under the heading **Item 3 Legal Proceedings** above.

- u We recorded a Loss on extinguishment of debt of \$40.8 million during the quarter ended December 30, 2006, which includes a premium paid to repurchase a portion of the 2023 Notes of \$38.9 million and a write-off of the related portion of unamortized deferred costs of issuing the 2023 Notes of \$1.9 million.

#### **Item 9. Changes in and Disagreements With Accountants on Accounting and Financial Disclosure**

None.

#### **Item 9A. Controls and Procedures**

##### **Evaluation of Disclosure Controls and Procedures**

We carried out an evaluation required by Rule 13a-15 of the Securities Exchange Act of 1934, as amended, or the Exchange Act, under the supervision and with the participation of our management, including the Chief Executive Officer, or CEO, and the Chief Financial Officer, or CFO, of the effectiveness of the design and operation of our disclosure controls and procedures (as defined in Rules 13a-15(e) and 15d-15(e) under the Exchange Act) as of December 29, 2007.

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The evaluation of our disclosure controls and procedures included a review of our processes and implementation and the effect on the information generated for use in this Annual Report on Form 10-K. In the course of this evaluation, we sought to identify any material weaknesses in our disclosure controls and procedures, to determine whether we had identified any acts of fraud involving personnel who have a significant role in our disclosure controls and procedures, and to confirm that any necessary corrective action, including process improvements, was taken. This type of evaluation is done every fiscal quarter so that our conclusions concerning the effectiveness of these controls can be reported in our periodic reports filed with the SEC. The overall goals of these evaluation activities are to monitor our disclosure controls and procedures and to make modifications as necessary. We intend to maintain these disclosure controls and procedures, modifying them as circumstances warrant.

Based on their evaluation as of December 29, 2007, our CEO and CFO have concluded that our disclosure controls and procedures were effective to provide reasonable assurance that the information required to be disclosed by us in our reports filed or submitted under the Exchange Act (i) is recorded, processed, summarized and reported within the time periods specified in the SEC's rules and forms and (ii) is accumulated and communicated to our management, including the CEO and CFO, as appropriate to allow timely decisions regarding required disclosure.

## **Changes in Internal Control Over Financial Reporting**

There were no changes in our internal control over financial reporting during the year ended December 29, 2007 that materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

## **Inherent Limitations on Effectiveness of Controls**

Our management, including our CEO and CFO, does not expect that our disclosure controls and procedures or our internal control over financial reporting will prevent or detect all error and all fraud. A control system, no matter how well conceived and operated, can provide only reasonable, not absolute, assurance that the objectives of the control system are met. Further, the design of a control system must reflect the fact that there are resource constraints, and the benefits of controls must be considered relative to their costs. Because of the inherent limitations in all control systems, no evaluation of controls can provide absolute assurance that all control issues and instances of fraud, if any, within Cadence have been detected.

## **Management's Report on Internal Control Over Financial Reporting**

Our management is responsible for establishing and maintaining adequate internal control over financial reporting (as defined in Rule 13a-15(f) under the Exchange Act). Our management assessed the effectiveness of our internal control over financial reporting as of December 29, 2007. In making this assessment, our management used the criteria established in *Internal Control-Integrated Framework* issued by the Committee of Sponsoring Organizations of the Treadway Commission. Our management has concluded that, as of December 29, 2007, our internal control over financial reporting is effective based on these criteria. Our independent registered public accounting firm, KPMG LLP, has issued an attestation report on our internal control over financial reporting, which is included herein.

## **Item 9B. Other Information**

None.

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**PART III.**

**Item 10. Directors, Executive Officers and Corporate Governance**

The information required by Item 10 as to directors is incorporated herein by reference from the sections entitled Proposal 1 Election of Directors and Other Matters Section 16(a) Beneficial Ownership Reporting Compliance in Cadence's definitive proxy statement for its 2008 Annual Meeting of Stockholders.

The executive officers of Cadence are listed at the end of Part I of this Annual Report on Form 10-K.

The information required by Item 10 as to Cadence's code of ethics is incorporated herein by reference from the section entitled Corporate Governance Code of Business Conduct in Cadence's definitive proxy statement for its 2008 Annual Meeting of Stockholders.

The information required by Item 10 as to the director nomination process and Cadence's Audit Committee is incorporated by reference from the section entitled Cadence's Board of Directors Committees of the Board of Directors in Cadence's definitive proxy statement for its 2008 Annual Meeting of Stockholders.

**Item 11. Executive Compensation**

The information required by Item 11 is incorporated herein by reference from the sections entitled Cadence's Board of Directors Compensation of Directors, Compensation Committee Report, Compensation Committee Interlocks and Insider Participation, Compensation of Executive Officers and Potential Payments Upon Termination or Change-in-Control and Employment Contracts in Cadence's definitive proxy statement for its 2008 Annual Meeting of Stockholders.

**Item 12. Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters**

The information required by Item 12 is incorporated herein by reference from the sections entitled Security Ownership of Certain Beneficial Owners and Management and Equity Compensation Plan Information in Cadence's definitive proxy statement for its 2008 Annual Meeting of Stockholders.

**Item 13. Certain Relationships and Related Transactions and Director Independence**

The information required by Item 13 is incorporated herein by reference from the sections entitled Certain Transactions and Cadence's Board of Directors Director Independence in Cadence's definitive proxy statement for its 2008 Annual Meeting of Stockholders.

**Item 14. Principal Accountant Fees and Services**

The information required by Item 14 is incorporated herein by reference from the section entitled Fees Billed to Cadence by KPMG LLP During Fiscal 2007 and 2006 in Cadence's definitive proxy statement for its 2008 Annual Meeting of Stockholders.



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**PART IV.**

**Item 15. Exhibits and Financial Statement Schedules**

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**REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

The Board of Directors and Stockholders  
Cadence Design Systems, Inc.:

We have audited the accompanying consolidated balance sheets of Cadence Design Systems, Inc. and subsidiaries (the Company) as of December 29, 2007 and December 30, 2006, and the related consolidated statements of income, stockholders' equity and comprehensive income, and cash flows for each of the years in the three-year period ended December 29, 2007. In connection with our audits of the consolidated financial statements, we also have audited the financial statement schedule, as set forth under Item 15(a)(2). These consolidated financial statements and financial statement schedule are the responsibility of the Company's management. Our responsibility is to express an opinion on these consolidated financial statements and financial statement schedule based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of Cadence Design Systems, Inc. and subsidiaries as of December 29, 2007 and December 30, 2006, and the results of their operations and their cash flows for each of the years in the three-year period ended December 29, 2007, in conformity with U.S. generally accepted accounting principles. Also in our opinion, the related financial statement schedule, when considered in relation to the basic consolidated financial statements taken as a whole, presents fairly, in all material respects, the information set forth therein.

As discussed in note 2 to the consolidated financial statements, effective December 31, 2006, the Company adopted the provisions of Financial Accounting Standards Board Interpretation (FIN) No. 48, *Accounting for Uncertainty in Income Taxes – an interpretation of FASB Statement No. 109*. Also, as discussed in note 2 to the consolidated financial statements, effective January 1, 2006, the Company adopted the provisions of Statement of Financial Accounting Standards No. 123(R), *Share-Based Payment*.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States), the Company's internal control over financial reporting as of December 29, 2007, based on criteria established in *Internal Control – Integrated Framework* issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO), and our report dated February 25, 2008 expressed an unqualified opinion on the effectiveness of the Company's internal control over financial reporting.

/s/ KPMG LLP  
Mountain View, California  
February 25, 2008

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**REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

The Board of Directors and Stockholders

Cadence Design Systems, Inc.:

We have audited Cadence Design Systems, Inc. and subsidiaries (the Company) internal control over financial reporting as of December 29, 2007, based on criteria established in *Internal Control – Integrated Framework* issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). The Company's management is responsible for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting, included in the accompanying *Management's Report on Internal Control over Financial Reporting* included in Item 9A. Our responsibility is to express an opinion on the Company's internal control over financial reporting based on our audit.

We conducted our audit in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects. Our audit included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, and testing and evaluating the design and operating effectiveness of internal control based on the assessed risk. Our audit also included performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion.

A company's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

In our opinion, Cadence Design Systems, Inc. and subsidiaries maintained, in all material respects, effective internal control over financial reporting as of December 29, 2007, based on criteria established in *Internal Control – Integrated Framework* issued by the Committee of Sponsoring Organizations of the Treadway Commission.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States), the consolidated balance sheets of Cadence Design Systems, Inc. and subsidiaries as of December 29, 2007 and December 30, 2006, and the related consolidated statements of income, stockholders' equity and comprehensive income, and cash flows for each of the years in the three-year period ended December 29, 2007. In connection with our audits of the consolidated financial statements, we also have audited the financial statement schedule as of and for each of the years in the three-year period ended December 29, 2007. Our report dated February 25, 2008 expressed an unqualified opinion on those consolidated financial statements and accompanying financial statement schedule.

/s/ KPMG LLP  
Mountain View, California  
February 25, 2008

**Table of Contents****CADENCE DESIGN SYSTEMS, INC  
CONSOLIDATED BALANCE SHEETS****December 29, 2007 and December 30, 2006  
(In thousands, except per share amounts)****ASSETS**

	2007	2006
Current Assets:		
Cash and cash equivalents	\$ 1,062,920	\$ 934,342
Short-term investments	15,193	24,089
Receivables, net of allowances of \$2,895 and \$3,804, respectively	326,211	238,438
Inventories	31,003	37,179
Prepaid expenses and other	94,236	77,957
Total current assets	1,529,563	1,312,005
Property, plant and equipment, net	339,463	354,575
Goodwill	1,310,211	1,267,579
Acquired intangibles, net	127,072	112,738
Installment contract receivables	238,010	149,584
Other assets	326,831	246,341
Total Assets	\$ 3,871,150	\$ 3,442,822

**LIABILITIES AND STOCKHOLDERS EQUITY**

Current Liabilities:		
Convertible notes	\$ 230,385	\$ ----
Current portion of long-term debt	----	28,000
Accounts payable and accrued liabilities	289,934	259,790
Current portion of deferred revenue	265,168	260,275
Total current liabilities	785,487	548,065
Long-Term Liabilities:		
Long-term portion of deferred revenue	136,655	95,018
Convertible notes	500,000	730,385
Other long-term liabilities	368,942	370,063
Total long-term liabilities	1,005,597	1,195,466
Stockholders Equity:		
Preferred stock \$0.01 par value; authorized 400 shares, none issued or outstanding	----	----

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Common stock \$0.01 par value; authorized 600,000 shares; issued and outstanding shares: 274,686 as of December 29, 2007; 274,912 as of December 30, 2006	1,516,493	1,398,899
Treasury stock, at cost; 31,355 shares as of December 29, 2007; 31,006 shares as of December 30, 2006	(619,125)	(544,855)
Retained earnings	1,162,441	832,763
Accumulated other comprehensive income	20,257	12,484
Total stockholders' equity	2,080,066	1,699,291
Total Liabilities and Stockholders' Equity	\$ 3,871,150	\$ 3,442,822

The accompanying notes are an integral part of these consolidated financial statements.

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**CADENCE DESIGN SYSTEMS, INC.  
CONSOLIDATED INCOME STATEMENTS**

**For the three fiscal years ended December 29, 2007  
(In thousands, except per share amounts)**

	2007	2006	2005
Revenue:			
Product	\$ 1,103,970	\$ 982,673	\$ 851,496
Services	125,838	134,895	126,169
Maintenance	385,205	366,327	351,527
Total revenue	1,615,013	1,483,895	1,329,192
Costs and Expenses:			
Cost of product	60,069	66,769	79,721
Cost of services	93,360	96,497	91,893
Cost of maintenance	61,079	63,833	59,794
Marketing and sales	407,148	405,579	366,164
Research and development	494,032	460,064	390,740
General and administrative	168,997	143,317	129,552
Amortization of acquired intangibles	19,421	23,141	47,762
Restructuring and other charges (credits)	(9,686)	(797)	35,334
Write-off of acquired in-process technology	2,678	900	9,400
Total costs and expenses	1,297,098	1,259,303	1,210,360
Income from operations	317,915	224,592	118,832
Loss on extinguishment of debt	----	(40,768)	----
Interest expense	(12,374)	(12,348)	(5,446)
Other income, net	58,530	70,402	15,097
Income before provision for income taxes and cumulative effect of change in accounting principle	364,071	241,878	128,483
Provision for income taxes	67,819	99,704	79,140
Net income before cumulative effect of change in accounting principle	296,252	142,174	49,343
Cumulative effect of change in accounting principle, net of tax	----	418	----
Net income	\$ 296,252	\$ 142,592	\$ 49,343
Net income per share before cumulative effect of change in accounting principle:			
Basic	\$ 1.09	\$ 0.51	\$ 0.18

Diluted		\$	1.01	\$	0.46	\$	0.16
Net income per share after cumulative effect of change in accounting principle:							
Basic		\$	1.09	\$	0.51	\$	0.18
Diluted		\$	1.01	\$	0.46	\$	0.16
Weighted average common shares outstanding	basic		271,455		279,354		278,520
Weighted average common shares outstanding	diluted		295,591		312,457		314,383

The accompanying notes are an integral part of these consolidated financial statements.



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**CADENCE DESIGN SYSTEMS, INC.**  
**CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY AND COMPREHENSIVE INCOME**  
**For the three fiscal years ended December 29, 2007**  
**(In thousands)**

	Common Stock Shares	Par Value and Capital in Excess of Par	Treasury Stock	Deferred Stock Compensation	Retained Earnings	Accumulated Other Comprehensive Income	Total
BALANCE, JANUARY 1, 2005	276,505	\$ 1,146,493	\$ (55,277)	\$ (63,477)	\$ 640,828	\$ 31,403	\$ 1,699,970
Comprehensive income:							
Net income	----	----	----	----	49,343	----	49,343
Other comprehensive loss, net of taxes (Note 17)	----	----	----	----	----	(7,530)	(7,530)
Total comprehensive income, net of taxes							41,813
Purchase of treasury stock	(6,150)	----	(101,070)	----	----	----	(101,070)
Issuance of common stock and re-issuance of treasury stock under equity incentive plans, net of forfeitures	17,647	61,454	87,981	----	----	----	149,435
Stock received for payment of employee taxes on vesting of restricted stock	(651)	----	(10,698)	----	----	----	(10,698)
Tax benefits from employee stock transactions	----	11,715	----	----	----	----	11,715
Tax benefit from call options	----	6,167	----	----	----	----	6,167
Stock issued in connection with acquisitions	283	11,883	----	----	----	----	11,883
Deferred stock compensation, net of forfeitures	----	62,793	----	(62,793)	----	----	----
Amortization of deferred stock compensation	----	(705)	----	36,194	----	----	35,489

BALANCE, DECEMBER 31, 2005	287,634	1,299,800	(79,064)	(90,076)	690,171	23,873	1,844,704
Comprehensive income:							
Net income	----	----	----	----	142,592	----	142,592
Other comprehensive loss, net of taxes (Note 17)	----	----	----	----	----	(11,389)	(11,389)
Total comprehensive income, net of taxes							131,203
Purchase of treasury stock	(27,917)	----	(494,088)	----	----	----	(494,088)
Issuance of common stock and re-issuance of treasury stock under equity incentive plans, net of forfeitures	16,006	119,479	41,791	----	----	----	161,270
Stock received for payment of employee taxes on vesting of restricted stock	(821)	----	(13,494)	----	----	----	(13,494)
Purchase of call options in connection with convertible notes due 2011 and 2013 (Note 6)	----	(119,750)	----	----	----	----	(119,750)
Proceeds from sale of call options in connection with convertible notes due 2023 (Note 6)	----	55,864	----	----	----	----	55,864
Proceeds from sale of common stock warrants in connection with convertible notes due 2011 and 2013 (Note 6)	----	39,400	----	----	----	----	39,400
Purchase of common stock warrants in connection with convertible notes due 2023 (Note 6)	----	(10,201)	----	----	----	----	(10,201)
Tax benefit from employee stock transactions	----	14,741	----	----	----	----	14,741
Tax expense from call options	----	(6,159)	----	----	----	----	(6,159)
Stock issued in connection with acquisitions	10	2,594	----	----	----	----	2,594
	----	93,207	----	----	----	----	93,207

Stock-based  
compensation expense  
Elimination of  
unamortized deferred  
stock compensation

---- (90,076) ---- 90,076 ---- ---- ----

BALANCE,

DECEMBER 30, 2006 274,912 \$ 1,398,899 \$ (544,855) \$ ---- \$ 832,763 \$ 12,484 \$ 1,699,291

The accompanying notes are an integral part of these consolidated financial statements.

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**CADENCE DESIGN SYSTEMS, INC.**  
**CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY AND COMPREHENSIVE INCOME**  
**For the three fiscal years ended December 29, 2007**  
**(In thousands)**

	Shares	Common Stock Par Value and Capital in Excess of Par	Treasury Stock	Deferred Stock Compensation	Retained Earnings	Accumulated Other Comprehensive Income	Total
BALANCE, DECEMBER 30, 2006	274,912	\$ 1,398,899	\$ (544,855)	\$ ----	\$ 832,763	\$ 12,484	\$ 1,699,291
Comprehensive income:							
Net income	----	----	----	----	296,252	----	296,252
Other comprehensive income, net of taxes (Note 17)	----	----	----	----	----	7,773	7,773
Total comprehensive income, net of taxes	----	----	----	----	----	----	304,025
Purchase of treasury stock	(19,400)	----	(399,490)	----	----	----	(399,490)
Issuance of common stock and re-issuance of treasury stock under equity incentive plans, net of forfeitures	20,268	(54,901)	344,348	----	(24,384)	----	265,063
Stock received for payment of employee taxes on vesting of restricted stock	(1,094)	----	(19,128)	----	----	----	(19,128)
Tax benefit from employee stock transactions	----	25,982	----	----	----	----	25,982
Tax benefit from call options	----	11,346	----	----	----	----	11,346
Stock options assumed in acquisitions	----	1,841	----	----	----	----	1,841
Stock-based compensation expense	----	91,850	----	----	----	----	91,850
Step acquisition adjustment (Note 9)	----	----	----	----	(1,556)	----	(1,556)
FIN No. 48 initial adoption adjustment (Note 8)	----	35,251	----	----	59,366	----	94,617

FIN No. 48 adjustment  
related to effective  
settlement with IRS  
(Note 8)

----	6,225	----	----	----	----	6,225
------	-------	------	------	------	------	-------

BALANCE,

DECEMBER 29, 2007	274,686	\$ 1,516,493	\$ (619,125)	\$ ----	\$ 1,162,441	\$ 20,257	\$ 2,080,066
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The accompanying notes are an integral part of these consolidated financial statements.

Table of Contents**CADENCE DESIGN SYSTEMS, INC.****CONSOLIDATED STATEMENTS OF CASH FLOWS****For the three fiscal years ended December 29, 2007****(In thousands)**

	2007	2006	2005
Cash and Cash Equivalents at Beginning of Year	\$ 934,342	\$ 861,315	\$ 448,517
Cash Flows from Operating Activities:			
Net income	296,252	142,592	49,343
Adjustments to reconcile net income to net cash provided by operating activities:			
Cumulative effect of change in accounting principle	----	(418)	----
Depreciation and amortization	130,649	147,117	184,717
Loss on extinguishment of debt	----	40,768	----
Stock-based compensation	101,415	103,986	39,902
Equity in loss from investments, net	3,027	1,200	6,492
Gain on investments, net	(18,090)	(32,903)	(18,297)
Gain on sale and leaseback of land and buildings	(13,141)	----	----
Write-down of investment securities	2,550	2,467	10,934
Write-off of acquired in-process technology	2,678	900	9,400
Non-cash restructuring and other charges (credits)	(7,106)	194	2,352
Tax benefit from employee stock transactions	----	----	11,715
Tax benefit (expense) from call options	11,346	(6,159)	6,167
Deferred income taxes	12,811	29,535	(22,968)
Proceeds from the sale of receivables, net	215,444	180,580	192,079
Recoveries for gains on trade accounts receivable and sales returns	(586)	(6,777)	(1,755)
Other non-cash items	11,219	4,630	5,569
Changes in operating assets and liabilities, net of effect of acquired businesses:			
Receivables	15,762	92,977	54,928
Installment contract receivables	(393,658)	(261,983)	(155,648)
Inventories	6,197	(10,872)	(7,588)
Prepaid expenses and other	(603)	6,128	(8,094)
Other assets	(628)	749	1,640
Accounts payable and accrued liabilities	20,352	(51,462)	20,330
Deferred revenue	44,775	24,444	32,616
Other long-term liabilities	(38,227)	13,523	12,449
Net cash provided by operating activities	402,438	421,216	426,283
Cash Flows from Investing Activities:			
Proceeds from sale of available-for-sale securities	6,271	7,637	14,921
Proceeds from sale of short-term investments	197	----	289,225

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Purchases of short-term investments	----	(147)	(180,975)
Proceeds from the sale of long-term investments	6,323	26,054	6,075
Proceeds from the sale of property, plant and equipment	46,500	317	33,625
Purchases of property, plant and equipment	(81,795)	(67,636)	(71,656)
Purchases of software licenses	(2,000)	(8,409)	(2,600)
Investment in venture capital partnerships and equity investments	(3,214)	(3,800)	(14,184)
Cash paid in business combinations and asset acquisitions, net of cash acquired, and acquisitions of intangibles	(80,725)	(65,778)	(297,128)
Net cash used for investing activities	(108,443)	(111,762)	(222,697)
Cash Flows from Financing Activities:			
Proceeds from term loan	----	----	160,000
Principal payments on term loan and long-term debt	(28,000)	(132,000)	(62)
Proceeds from issuance of convertible notes due 2011 and 2013	----	500,000	----
Payment of convertible notes due 2023	----	(228,480)	----
Payment of convertible notes issuance costs	----	(12,032)	----
Purchase of call options in connection with convertible notes due 2011 and 2013	----	(119,750)	----
Proceeds from sale of call options in connection with convertible notes due 2023	----	55,864	----
Proceeds from sale of common stock warrants in connection with convertible notes due 2011 and 2013	----	39,400	----
Purchase of common stock warrants in connection with convertible notes due 2023	----	(10,201)	----
Tax benefit from employee stock transactions	21,090	10,712	----
Proceeds from issuance of common stock	255,462	156,648	146,481
Purchases of treasury stock	(418,618)	(494,088)	(101,070)
Net cash provided by (used for) financing activities	(170,066)	(233,927)	205,349
Effect of exchange rate changes on cash and cash equivalents	4,649	(2,500)	3,863
Increase in Cash and cash equivalents	128,578	73,027	412,798
Cash and Cash Equivalents at End of Year	\$ 1,062,920	\$ 934,342	\$ 861,315

The accompanying notes are an integral part of these consolidated financial statements.

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**CADENCE DESIGN SYSTEMS, INC.  
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS  
December 29, 2007**

**NOTE 1. CADENCE**

Cadence Design Systems, Inc., or Cadence, licenses electronic design automation, or EDA, software, sells or leases hardware technology and intellectual property and provides design and methodology and education services throughout the world to help manage and accelerate electronic product development processes. Cadence's broad range of products and services are used by electronics companies to design and develop complex integrated circuits, or ICs, and electronic systems.

**NOTE 2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

**Principles of Consolidation and Basis of Presentation**

Cadence's fiscal year end is the Saturday closest to December 31. Fiscal 2007, 2006 and 2005 were 52-week years. Fiscal 2008 will be a 53-week year ending on January 3, 2009. The consolidated financial statements include the accounts of Cadence and its subsidiaries after elimination of intercompany accounts and transactions. All consolidated subsidiaries are wholly-owned by Cadence.

**Use of Estimates**

The preparation of consolidated financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the consolidated financial statements and the reported amounts of revenue and expenses during the reporting period. Actual results could differ from those estimates.

**Cash, Cash Equivalents and Short-Term Investments**

Cadence considers all highly liquid debt instruments, which could include commercial paper, European Union euro time deposits, repurchase agreements and certificates of deposit, with remaining maturities of three months or less at the time of purchase to be cash equivalents. Investments with maturities greater than three months and less than one year are classified as short-term investments.

**Foreign Currency Translation**

Cadence transacts business in various foreign currencies. In general, the functional currency of a foreign operation is the local country's currency except for Cadence's principal Irish, Israeli, Hungarian and Dutch subsidiaries, whose functional currency is the United States dollar. Non-functional currency monetary balances are re-measured into the functional currency of the subsidiary with any related gain or loss recorded in Other income, net, in the accompanying Consolidated Income Statements. Assets and liabilities of operations outside the United States, for which the functional currency is the local currency, are translated into United States dollars using fiscal year-end exchange rates. Revenue and expenses are translated at the average exchange rates in effect during each fiscal month during the year. The effects of foreign currency translation adjustments are included in Stockholders' Equity as a component of Accumulated other comprehensive income in the accompanying Consolidated Balance Sheets.



## **Derivative Financial Instruments**

Cadence accounts for its foreign currency exchange contracts in accordance with Statement of Financial Accounting Standards, or SFAS, No. 133, Accounting for Derivative Instruments and Hedging Activities. Cadence enters into foreign currency forward exchange contracts with financial institutions to protect against currency exchange risks associated with existing assets and liabilities. A foreign currency forward exchange contract acts as a hedge by increasing in value when underlying assets decrease in value or underlying liabilities increase in value due to changes in foreign exchange rates. Conversely, a foreign currency forward exchange contract decreases in value when underlying assets increase in value or underlying liabilities decrease in value due to changes in foreign exchange rates. The forward contracts are not designated as accounting hedges under SFAS No. 133 and, therefore, the unrealized gains and losses are recognized in Other income, net, in advance

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of the actual foreign currency cash flows with the fair value of these forward contracts being recorded as accrued liabilities or other current assets.

Cadence does not use forward contracts for trading purposes. Cadence's forward contracts generally have maturities of 90 days or less. Recognized gains or losses with respect to our current hedging activities will ultimately depend on how accurately Cadence is able to match the amount of currency forward exchange contracts with underlying asset and liability exposures.

### **Allowance for Doubtful Accounts**

Cadence makes judgments as to its ability to collect outstanding receivables and provide allowances for the portion of receivables when collection becomes doubtful. Provisions are made based upon a specific review of all significant outstanding invoices and are recorded in operating expenses. For those invoices not specifically reviewed, provisions are made based on Cadence's historical bad debt experience. In determining these percentages, Cadence analyzes its historical collection experience and current economic trends. If the historical data Cadence uses to calculate the allowance provided for doubtful accounts does not reflect the future ability to collect outstanding receivables, additional provisions may be needed which could cause future results of operations to be materially affected.

### **Allowance for Sales Returns**

Provisions for sales returns primarily relate to service arrangements and are recorded as a reduction to revenue. These provisions are made based on historical experience.

### **Inventories**

Inventories are stated at the lower of cost or market value. Cadence's inventories include high technology parts and components for complex computer systems that emulate the performance and operation of computer IC and electronic systems. These parts and components may be specialized in nature or subject to rapid technological obsolescence. While Cadence has programs to minimize the required inventories on hand and considers technological obsolescence when estimating required reserves to reduce recorded amounts to market values, it is reasonably possible that such estimates could change in the near term. Cadence's practice is to reserve for inventory in excess of 12-month demand.

### **Property, Plant and Equipment**

Property, plant and equipment is stated at historical cost. Depreciation and amortization are generally provided over the estimated useful lives, using the straight-line method, as follows:

Computer equipment and related software	2-7 years
Buildings	10-32 years
Leasehold and building improvements	Shorter of the lease term or the estimated useful life
Furniture and fixtures	3-5 years
Equipment	3-5 years

Cadence capitalizes the costs of software developed for internal use in compliance with Statement of Position, or SOP, 98-1, Accounting for the Costs of Computer Software Developed or Obtained for Internal Use and with Emerging Issues Task Force, or EITF, No. 00-2, Accounting for Web Site Development Costs. Capitalization of software developed for internal use and web site development costs begins at the application development phase of the project. Capitalization of software developed for internal use and web site development costs ends, and amortization begins,

when the computer software is substantially complete and ready for its intended use. Amortization is recorded on a straight-line basis over the estimated useful life of the software. Cadence capitalized \$24.1 million in 2007, \$24.3 million in 2006 and \$32.6 million in 2005 for costs of software developed for internal use.

Cadence recorded depreciation and amortization expense in the amount of \$73.7 million in 2007, \$72.0 million in 2006 and \$68.8 million in 2005 for property, plant and equipment.

In January 2007, Cadence completed the sale of certain land and buildings in San Jose, California for a sales price of \$46.5 million in cash. Concurrently with the sale, Cadence leased back from the purchaser approximately

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262,500 square feet of office space, which represents all available space in the buildings. The lease agreement includes an initial term of two years, with two options to extend the lease for six months each. Cadence is obligated to make lease payments related to this lease of \$2.4 million in 2008 and \$0.2 million in 2009. A substantial portion of the gain upon sale offset Cadence's costs and expenses during the year ended December 29, 2007, and the remaining gain will be amortized over the remaining initial lease term.

## **Software Development Costs**

Cadence accounts for software development costs in accordance with SFAS No. 86, Accounting for the Costs of Computer Software to be Sold, Leased or Otherwise Marketed. Software development costs are capitalized beginning when a product's technological feasibility has been established by completion of a working model of the product and amortization begins when a product is available for general release to customers. The period between the achievement of technological feasibility and the general release of Cadence's products has typically been of short duration and costs incurred during this period have not been material.

Cadence did not capitalize any third party SFAS No. 86 costs, or purchased software, during 2007. Cadence capitalized \$7.3 million of purchased software during 2006 and \$0.5 million of purchased software during 2005. Cadence has deemed the purchased software to have an alternative future use in accordance with SFAS No. 86. Therefore, Cadence begins amortization of purchased software when the technology is available for general release to customers. Amortization expense for purchased software was \$5.1 million in 2007, \$4.2 million in 2006 and \$4.4 million in 2005.

## **Acquired Intangibles, including Goodwill**

Acquired intangibles, which include purchased technology and other intangible assets, are stated at cost less accumulated amortization and are reviewed for impairment whenever events or circumstances indicate that an impairment may exist. In accordance with SFAS No. 142, Goodwill and Other Intangible Assets, goodwill and purchased intangibles with indefinite useful lives are not amortized but are reviewed for impairment at least annually or when events or changes in circumstances indicate that Cadence will not be able to recover the asset's carrying amount. Acquired intangibles with definite lives are amortized on a straight-line basis over the remaining estimated economic life of the underlying products and technologies (original lives assigned are one to ten years).

During the third quarters of 2007, 2006 and 2005, Cadence completed its annual impairment analysis of goodwill. Based on the results of these impairment reviews, Cadence has determined that no indicators of impairment existed for its one reporting unit and, accordingly, no impairment charge was recognized during 2007, 2006 or 2005.

## **Long-lived Assets**

Cadence's long-lived assets consist of property, plant and equipment and other acquired intangibles, excluding goodwill. Cadence reviews its long-lived assets for impairment in accordance with SFAS No. 144, Accounting for the Impairment or Disposal of Long-Lived Assets. For assets to be held and used, Cadence initiates its review whenever events or changes in circumstances indicate that the carrying amount of a long-lived asset may not be recoverable. Recoverability of an asset is measured by comparison of its carrying amount to the expected future undiscounted cash flows that the asset is expected to generate. If it is determined that an asset is not recoverable, an impairment loss is recorded in the amount by which the carrying amount of the asset exceeds its fair value. During 2007 and 2006, there were no significant impairments of long-lived assets. During 2005, Cadence abandoned certain assets and recorded a charge of \$2.4 million, which is included in Restructuring and other charges in the accompanying Consolidated Income Statements.

## **Marketable and Non-Marketable Securities**

### Marketable Securities

Management considers all of its investments in marketable securities as available-for-sale. Available-for-sale securities are stated at fair value, with the unrealized gains and losses presented net of tax and reported as a separate component of Stockholders' equity. Realized gains and losses are determined using the specific identification method. Gains are recognized when realized and are recorded in the Consolidated Income Statements as Other

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income, net. Losses are recognized as realized or when Cadence has determined that an other-than-temporary decline in fair value has occurred.

It is Cadence's policy to review the fair value of these marketable securities on a regular basis to determine whether its investments in these companies are other-than-temporarily impaired. This evaluation includes, but is not limited to, reviewing each company's cash position, financing needs, earnings or revenue outlook, operational performance, management or ownership changes and competition. If Cadence believes the carrying value of an investment is in excess of its fair value, and this difference is other-than-temporary, it is Cadence's policy to write down the investment to reduce its carrying value to fair value.

## **Non-Marketable Securities**

Cadence's non-marketable securities include investments in privately-held companies and companies that are publicly-traded but as to which there are trading restrictions on the shares Cadence owns. To determine the fair value of publicly-traded securities with trading restrictions, Cadence considers the current market price of the security and the specific characteristics of the restrictions. To determine the fair value of privately-held investments, Cadence uses the most recent round of financing or estimates of current fair value using traditional valuation techniques. It is Cadence's policy to review the fair value of these investments on a regular basis to determine whether the investments in these companies are other-than-temporarily impaired. This evaluation includes, but is not limited to, reviewing each company's cash position, financing needs, earnings or revenue outlook, operational performance, management or ownership changes and competition. In the case of privately-held companies, this evaluation is based on information that Cadence requests from these companies. This information is not subject to the same disclosure regulations as United States publicly-traded companies, and as such, the basis for these evaluations is subject to the timing and the accuracy of the data received from these companies. If Cadence believes the carrying value of an investment is in excess of fair value, and this difference is other-than-temporary, it is Cadence's policy to write down the investment to fair value.

## ***Equity Method Investments***

Cadence applies the guidance in Accounting Principles Board Opinion, or APB, No. 18, "The Equity Method of Accounting for Investments in Common Stock," as amended, and EITF No. 02-14, "Whether an Investor Should Apply the Equity Method of Accounting to Investments Other Than Common Stock," to classify investments as equity method investments. These investments are held in the form of voting preferred stock or convertible debt of privately-held companies. If Cadence determines that it has the ability to exercise significant influence over the investee and the investment is in the form of in-substance common stock, the investment is accounted for under the equity method.

In applying the equity method of accounting, Cadence applies approach (a) of EITF No. 99-10, "Percentage Used to Determine the Amount of Equity Method Losses." Accordingly, the portion of equity method income or loss recorded by Cadence is based on its percentage ownership of each investee's preferred stock or convertible debt available to absorb losses or with contractual rights to income. Its level of participation in future financings of its equity method investees may impact Cadence's proportional share in future income or losses. Cadence records its interest in equity method gains and losses in the quarter following incurrence because it is not practicable to obtain investee financial statements prior to the issuance of Cadence's Consolidated Financial Statements.

## ***Cost Method Investments***

Investments accounted for by Cadence under the cost method of accounting are carried at historical cost and Cadence periodically evaluates the fair value of each investment to determine if an other-than-temporary decline in value has

occurred.

### **Nonqualified Deferred Compensation Trust**

Executive Officers, senior management and Directors may elect to defer compensation payable to them under Cadence's 1994 Nonqualified Deferred Compensation Plan, or the NQDC. Deferred compensation payments are held in accounts with values indexed to the performance of selected mutual funds or money market accounts. In accordance with EITF No. 97-14, Accounting for Deferred Compensation Arrangements Where Amounts Earned

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Are Held in a Rabbi Trust and Invested, Cadence consolidates the NQDC trust accounts in its Consolidated Financial Statements.

The selected mutual funds or money market accounts held in the NQDC trust are classified as trading securities in accordance with SFAS No. 115, Accounting for Certain Investments in Debt and Equity Securities. Trading securities are stated at fair value, with the unrealized gains and losses recognized in the Consolidated Income Statements as Other income, net. These trading securities are classified as Other assets on the Consolidated Balance Sheets because the securities are not available for Cadence's use in its operations.

Cadence's obligation with respect to the NQDC trust is recorded in Other long-term liabilities on its Consolidated Balance Sheets. Increases and decreases in the NQDC liability are recorded as compensation expense in the Consolidated Income Statements.

## **Deferred Revenue**

Deferred revenue arises when customers pay for products and/or services in advance of revenue recognition. Cadence's deferred revenue consists primarily of unearned revenue on maintenance and product licenses for which revenue is recognized in installments over the duration of the license. Maintenance on perpetual licenses is generally renewed annually, billed in full in advance, and the corresponding revenue is recognized over the ensuing 12-month maintenance term. The fees under product licenses for which revenue is not recognized immediately and for maintenance in connection with term and subscription licenses are generally billed quarterly in advance and the related revenue is recognized over multiple periods over the ensuing license period.

## **Comprehensive Income (Loss)**

Other comprehensive income (loss) includes foreign currency translation gains and losses and unrealized gains and losses on marketable securities that are available-for-sale that have been excluded from Net income and reflected instead in Stockholders' equity. Cadence has reported comprehensive income (loss) in its Consolidated Statements of Stockholders' Equity. Cadence reclassified \$4.4 million in 2007, net of \$1.8 million of tax, \$6.7 million in 2006, net of \$2.7 million of tax, \$9.2 million in 2005, net of \$3.7 million of tax, from unrealized holding gains and losses on marketable securities to realized gains included in Other income, net, in the accompanying Consolidated Income Statements. The tax benefit for gross unrealized holding losses in marketable equity securities was \$2.5 million in 2007, \$4.4 million in 2006 and \$1.2 million in 2005.

## **Revenue Recognition**

Cadence applies the provisions of SOP 97-2, Software Revenue Recognition, as amended by SOP 98-9, Modification of SOP 97-2, Software Revenue Recognition, With Respect to Certain Transactions, to all software licensing transactions and to all product revenue transactions where the software is not incidental. Cadence also applies the provisions of SFAS No. 13, Accounting for Leases, to all hardware lease transactions. Cadence recognizes revenue when persuasive evidence of an arrangement exists, the product has been delivered, the fee is fixed or determinable, collection of the resulting receivable is probable, and vendor-specific objective evidence of fair value, or VSOE, exists.

Cadence licenses software using three different license types:

- Subscription licenses;
- Term licenses; and
- Perpetual licenses.



For many of Cadence's term and subscription license arrangements, Cadence uses its proprietary internet-based delivery mechanism, eDA-on-tap, to facilitate the delivery of its software products. To maximize the efficiency of this delivery mechanism, Cadence created what it refers to as eDA Cards, of which there are two types. Subscription license customers may purchase what Cadence refers to as an eDA Platinum Card, which provides the customer access to and use of all software products delivered at the outset of the arrangement and the ability to use additional unspecified software products that may become commercially available during the term of the arrangement. Term license customers may purchase what Cadence refers to as an eDA Gold Card, which provides the customer access to and use of all software products delivered at the outset of the arrangement. Overall,

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the eDA Cards provide greater flexibility for Cadence's customers in how and when they deploy and use Cadence's software products.

*Subscription licenses* Cadence's subscription license arrangements offer customers the right to:

Access and use all software products delivered at the outset of an arrangement throughout the entire term of the arrangement, generally two to four years, with no rights to return;  
Use unspecified additional software products that become commercially available during the term of the arrangement; and  
Remix among the software products delivered at the outset of the arrangement, as well as the right to remix into other unspecified additional software products that may become available during the term of the arrangement, so long as the cumulative value of all products in use does not exceed the total license fee determined at the outset of the arrangement. These remix rights may be exercisable multiple times during the term of the arrangement. The right to remix all software products delivered pursuant to the license agreement is not considered an exchange or return of software because all software products have been delivered and the customer has the continuing right to use them.

Customers that purchase an eDA Platinum Card have the ability during the term of the arrangement to use software products delivered at the outset of the arrangement, and to use other unspecified additional software products that may become commercially available during the term of the arrangement, until the fees have been depleted.

In general, revenue associated with subscription licenses is recognized ratably over the term of the license commencing upon the later of the effective date of the arrangement or delivery of the software product. Subscription license revenue is allocated to product and maintenance revenue. The allocation to maintenance revenue is based on vendor specific objective evidence, or VSOE, of fair value of the undelivered maintenance that was established in connection with the sale of our term licenses.

In the event that a subscription license arrangement is terminated by mutual agreement and a new term license arrangement is entered into either concurrently with or subsequent to the termination of the subscription license arrangement, the revenue associated with the new term license arrangement is recognized upon the later of the effective date of the arrangement or delivery of the software product, assuming all other criteria in SOP 97-2 have been met.

*Term licenses* Cadence's term license arrangements offer customers the right to:

Access and use all software products delivered at the outset of an arrangement throughout the entire term of the arrangement, generally two to four years, with no rights to return; and  
Remix among the software products delivered at the outset of the arrangement, so long as the cumulative value of all products in use does not exceed the total license fee determined at the outset of the arrangement. These remix rights may be exercisable multiple times during the term of the arrangement. The right to remix all software products delivered pursuant to the license agreement is not considered an exchange or return of software because all software products have been delivered and the customer has the continuing right to use them.

Customers that purchase an eDA Gold Card have the ability during the term of the arrangement to use software products delivered at the outset of the arrangement until the fees relating to the arrangement have been depleted.

In general, revenue associated with term licenses is recognized upon the later of the effective date of the arrangement or delivery of the software product.

*Perpetual licenses* Cadence's perpetual licenses consist of software licensed on a perpetual basis with no right to return or exchange the licensed software. In general, revenue associated with perpetual licenses is recognized upon the later of the effective date of the license or delivery of the licensed product.

*Persuasive evidence of an arrangement* Generally, Cadence uses a contract signed by the customer as evidence of an arrangement for subscription and term licenses and hardware leases. If a contract signed by the customer does not exist, Cadence has historically used a purchase order as evidence of an arrangement for perpetual licenses, hardware sales, maintenance renewals and small fixed-price service projects, such as training classes and small methodology service engagements of approximately \$10,000 or less. For all other service engagements,

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Cadence uses a signed professional services agreement and a statement of work to evidence an arrangement. In cases where both a signed contract and a purchase order exist, Cadence considers the signed contract to be the most persuasive evidence of the arrangement. Sales through Cadence's distributors are evidenced by a master agreement governing the relationship, together with binding purchase orders from the distributor on a transaction-by-transaction basis.

*Product delivery* Software and the corresponding access keys are generally delivered to customers electronically. Electronic delivery occurs when Cadence provides the customer access to the software. Occasionally, Cadence will deliver the software on a compact disc with standard transfer terms of free-on-board, or F.O.B., shipping point. Cadence's software license agreements generally do not contain conditions for acceptance. With respect to hardware, delivery of an entire system is deemed to occur upon its successful installation. For certain hardware products, installation is the responsibility of the customer, as the system is fully functional at the time of shipment. For these products, delivery is deemed to be complete when the products are shipped with freight terms of F.O.B. shipping point.

For customers who purchase eDA Gold or eDA Platinum Cards, delivery occurs when the customer has been provided with access codes that allow the customer to download the software pursuant to the terms of the software license agreement.

*Fee is fixed or determinable* Cadence assesses whether a fee is fixed or determinable at the outset of the arrangement, primarily based on the payment terms associated with the transaction. Cadence has established a history of collecting under the original contract without providing concessions on payments, products or services. For installment contracts that do not include a substantial up front payment, Cadence only considers that a fee is fixed or determinable if the arrangement has payment periods that are equal to or less than the term of the licenses and the payments are collected in equal or nearly equal installments, when evaluated over the entire term of the arrangement. Cadence has a history of collecting receivables under installment contracts of up to five years.

Significant judgment is involved in assessing whether a fee is fixed or determinable. Cadence must also make these judgments when assessing whether a contract amendment to a term arrangement (primarily in the context of a license extension or renewal) constitutes a concession. Cadence's experience has been that it is able to determine whether a fee is fixed or determinable for term licenses. While Cadence does not expect that experience to change, if Cadence no longer were to have a history of collecting under the original contract without providing concessions on term licenses, revenue from term licenses would be required to be recognized when payments under the installment contract become due and payable. Such a change could have a material impact on Cadence's results of operations.

*Collection is probable* Cadence assesses the probability of collecting from each customer at the outset of the arrangement based on a number of factors, including the customer's payment history and its current creditworthiness. Cadence has concluded that collection is not probable for license arrangements executed with customers in certain countries. If in Cadence's judgment collection of a fee is not probable, Cadence defers the revenue until the uncertainty is removed, which generally means revenue is recognized upon receipt of cash payment. Cadence's experience has been that it is able to estimate whether collection is probable. While Cadence does not expect that experience to change, if Cadence were to determine that collection is not probable for any license arrangement, particularly those with installment payment terms, revenue from such license would be recognized generally upon receipt of cash payment. Such a change could have a material impact on Cadence's results of operations.

*Vendor-specific objective evidence of fair value* Cadence's VSOE for certain product elements of an arrangement is based upon the pricing in comparable transactions when the element is sold separately. VSOE for maintenance is generally based upon the customer's stated annual renewal rates. VSOE for services is generally based on the price charged when the services are sold separately. For multiple element arrangements, VSOE must exist to allocate the

total fee among all delivered and undelivered elements of a term or perpetual license arrangement. If VSOE does not exist for all elements to support the allocation of the total fee among all delivered and undelivered elements of the arrangement, revenue is deferred until such evidence does exist for the undelivered elements, or until all elements are delivered, whichever is earlier. If VSOE of all undelivered elements exists but VSOE does not exist for one or more delivered elements, revenue is recognized using the residual method. Under the residual method, the VSOE of the undelivered elements is deferred, and the remaining portion of the

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arrangement fee is recognized as revenue as the elements are delivered. Cadence's experience has been that it is able to determine VSOE for maintenance and time-based services, but not for product.

*Finance fee revenue* Finance fees result from discounting to present value the product revenue derived from installment contracts in which the payment terms extend beyond one year from the effective date of the contract. Finance fees are recognized using a method that approximates the effective interest method over the relevant license term and are classified as product revenue. Finance fee revenue represented approximately 2% of total revenue for each of the years ended December 29, 2007, December 30, 2006 and December 31, 2005. Upon the sale of an installment contract, Cadence recognizes the remaining finance fee revenue associated with the installment contract.

*Services revenue* Services revenue consists primarily of revenue received for performing design and methodology services. These services are not related to the functionality of the products licensed. Revenue from service contracts is recognized either on the time and materials method, as work is performed, or on the percentage-of-completion method. For contracts with fixed or not-to-exceed fees, Cadence estimates on a monthly basis the percentage-of-completion, which is based on the completion of milestones relating to the arrangement. Cadence has a history of accurately estimating project status and the costs necessary to complete projects. A number of internal and external factors can affect these estimates, including labor rates, utilization and efficiency variances and specification and testing requirement changes. If different conditions were to prevail such that accurate estimates could not be made, then the use of the completed contract method would be required and the recognition of all revenue and costs would be deferred until the project was completed. Such a change could have a material impact on Cadence's results of operations.

In accordance with EITF No. 06-03, How Taxes Collected from Customers and Remitted to Governmental Authorities Should Be Presented in the Income Statement (That Is, Gross versus Net Presentation), Cadence applies the net basis presentation for taxes collected from customers and remitted to governmental authorities.

## **Accounting for Income Taxes**

Cadence provides for the effect of income taxes in its Consolidated Financial Statements in accordance with SFAS No. 109, Accounting for Income Taxes and Financial Accounting Standards Board, or FASB, Interpretation, or FIN, No. 48, Accounting for Uncertainty in Income Taxes An Interpretation of FASB Statement No. 109. Cadence must make significant judgments to apply the principles of SFAS No. 109 and FIN No. 48.

In accordance with SFAS No. 109, Cadence is required to estimate its income taxes in each of the jurisdictions in which it operates. This process involves estimating actual current tax liabilities together with assessing temporary differences resulting from differing treatment of items, such as deferred revenue, for tax and accounting purposes. These differences result in deferred tax assets and liabilities, which are measured using enacted tax rates expected to apply to taxable income in the years in which those temporary differences are expected to be recovered or settled. The effect on deferred tax assets and liabilities of a change in tax rates is recognized in income in the period that includes the enactment date.

Cadence then assesses the likelihood that deferred tax assets will be recovered from future taxable income, and to the extent it believes that recovery is not likely, Cadence must establish a valuation allowance. To the extent Cadence establishes a valuation allowance for deferred tax assets or increases this allowance, Cadence may need to include an expense within the tax provision of its Consolidated Income Statement. The valuation allowance is based on estimates of taxable income for each jurisdiction in which Cadence operates for the period over which deferred tax assets will be recoverable. In the event that actual results differ from these estimates or Cadence adjusts these estimates in future periods, Cadence may need to establish an additional valuation allowance, which could materially affect its consolidated financial position or results of operations.

Cadence adopted FIN No. 48 on December 31, 2006, which was the first day of Cadence's 2007 fiscal year. FIN No. 48 requires Cadence to take a two-step approach to recognizing and measuring uncertain tax positions. The first step is to evaluate the tax position for recognition by determining if the weight of available evidence indicates that it is more likely than not that the tax position will be sustained on audit, including resolution of any related appeals or litigation processes. The second step is to measure the tax benefit as the largest amount that is more than 50% likely of being realized upon effective settlement. Cadence re-evaluates its income tax positions on a quarterly

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basis to consider factors such as changes in facts or circumstances, changes in or interpretations of tax law, effectively settled issues under audit, and new audit activity. Such a change in recognition or measurement would result in recognition of a tax benefit or an additional charge to the tax provision. Upon adoption of FIN No. 48, Cadence adopted an accounting policy to classify interest and penalties on unrecognized tax benefits as income tax expense. For years prior to the adoption of FIN No. 48, Cadence also reported interest and penalties on unrecognized tax benefits as income tax expense.

## **Restructuring Charges**

Cadence accounts for restructuring charges in accordance with SEC Staff Accounting Bulletin No. 100, Restructuring and Impairment Charges, as amended. From fiscal 2001 through fiscal 2005, Cadence undertook significant restructuring initiatives. The individual components of the restructuring activities initiated prior to fiscal 2003 were accounted for in accordance with EITF No. 94-3, Liability Recognition for Certain Employee Termination Benefits and Other Costs to Exit an Activity (including Certain Costs Incurred in a Restructuring), and EITF No. 88-10, Costs Associated with Lease Modifications or Terminations.

For restructuring activities initiated after fiscal 2002, Cadence accounted for the leased facilities in accordance with SFAS No. 146, Accounting for Costs Associated with Exit or Disposal Activities. For all periods presented, Cadence accounted for the asset-related portions of these restructurings in accordance with SFAS No. 144, Accounting for the Impairment or Disposal of Long-Lived Assets. In addition, for all periods presented, the severance and benefits charges were accounted for in accordance with SFAS No. 112, Employers Accounting for Postemployment Benefits An Amendment of FASB Statements No. 5 and 43.

In connection with these restructuring initiatives, Cadence has made a number of estimates and assumptions related to losses on excess facilities vacated or consolidated, particularly the timing of subleases and sublease terms. Closure and space reduction costs included in the restructuring charges include payments required under leases less any applicable estimated sublease income after the facilities are abandoned, lease buyout costs and certain contractual costs to maintain facilities during the period after abandonment.

In addition, Cadence has recorded estimated provisions for termination benefits and outplacement costs, long-term asset impairments, and other restructuring costs. Cadence regularly evaluates the adequacy of its restructuring accrual, and adjusts the balance based on changes in estimates and assumptions. Cadence may incur future charges for new restructuring activities as well as for changes in estimates to amounts previously recorded.

## **Stock-Based Compensation**

Cadence adopted SFAS No. 123R Share-Based Payment, on January 1, 2006 using the modified prospective transition method. SFAS No. 123R requires companies to recognize the cost of employee services received in exchange for awards of equity instruments based upon the fair value of those awards on the grant date. Using the modified prospective transition method of adopting SFAS No. 123R, Cadence began recognizing compensation expense for equity-based awards granted on or after January 1, 2006 and unvested awards granted prior to January 1, 2006. Prior period stock-based compensation expense was recognized under APB No. 25 Accounting for Stock Issued to Employees.

Under SFAS No. 123R, stock-based compensation expense is measured at the grant date based on the value of the option or restricted stock and is recognized as expense, less expected forfeitures, over the requisite service period, which is generally the vesting period. The fair value of each option grant and each purchase right granted under Cadence's Employee Stock Purchase Program, or ESPP, is estimated on the date of grant using the Black-Scholes option pricing model. The fair value of each restricted stock issuance is determined using the fair value of Cadence's



common stock on the grant date. Cadence recognizes stock-based compensation expense on the straight-line method for options and restricted stock that only contain a service condition and on the graded-vesting method for options and restricted stock that contain both a service and performance condition. Determining the fair value of stock-based awards at the grant date requires judgment, including estimating the following:

- Expected volatility of our stock;
- Expected term of stock options;
- Risk-free interest rate for the period;
- Expected dividends, if any; and

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Expected forfeitures.

The computation of the expected volatility assumption used in the Black-Scholes pricing model for option grants is based on implied volatility calculated using the volatility of publicly traded options for Cadence common stock. Cadence uses this approach to determine volatility because:

- Options for Cadence's common stock are actively traded;
- The market prices of both the traded options and underlying shares are measured at a similar point in time to each other and on a date reasonably close to the grant date of the employee stock options;
- The traded options have exercise prices that are both near-the-money and close to the exercise price of the employee stock options; and
- The remaining maturities of the traded options on which the estimate is based are at least one year.

When establishing the expected life assumption, Cadence reviews annual historical employee exercise behavior with respect to option grants having similar vesting periods. The risk-free interest rate for the period within the expected term of the option is based on the yield of United States Treasury notes in effect at the time of grant. Cadence has not historically paid dividends, thus the expected dividends used in the calculation are zero.

Judgment is required in estimating the amount of stock-based awards that Cadence expects to be forfeited. Cadence calculates a separate expected forfeiture rate for both stock options and restricted stock issuances based on historical trends. Judgment is also required to estimate the attainment of certain predetermined performance goals for a performance-based bonus plan, under which payments may be made in Cadence common stock, and performance-based restricted stock grants. Each period, we estimate the most likely outcome of such performance goals and recognize any related stock-based compensation expense. The amount of stock-based compensation expense recognized in any one period can vary based on the attainment or estimated attainment of the various performance goals. If such performance goals are not met, no compensation expense is recognized and any previously recognized compensation expense is reversed.

The valuation of all options, including the expected life of stock options, and the expected forfeiture rates for options and restricted stock, are calculated based on one employee pool because there is no significant difference in exercise behavior between classes of employees.

Upon adoption of SFAS No. 123R, Cadence made the election to calculate the tax effects of stock-based compensation expense using the alternative transition method pursuant to Financial Statement Position, or FSP, No. 123R-3 and computed the beginning balance of the APIC tax benefit pool by applying the simplified method, which resulted in an APIC tax benefit pool windfall position. Accordingly, upon adoption of SFAS No. 123R, Cadence had cumulative excess tax benefits from stock-based compensation available in APIC that could be used to offset an equal amount of future tax shortfalls (i.e., when the amount of the tax deductible stock-based compensation is less than the related stock-based compensation cost).

## **Treasury Stock**

Cadence records a gain or loss on re-issuance of treasury stock based on the total proceeds received in the transaction. Gains on the re-issuance of treasury stock are recorded as a component of Capital in excess of par in the Consolidated Statements of Stockholders' Equity. Losses on the re-issuance of treasury stock are recorded as a component of Capital in excess of par to the extent that there are gains to offset the losses. If there are no treasury stock gains in Capital in excess of par, the losses upon re-issuance of treasury stock are recorded as a component of Retained earnings in the Consolidated Statements of Stockholders' Equity. During 2007, Cadence recorded losses on the re-issuance of treasury stock of \$24.4 million as a component of Retained earnings.

### **Concentrations of Credit Risk**

Financial instruments, including derivative financial instruments, that may potentially subject Cadence to concentrations of credit risk, consist principally of cash and cash equivalents, short-term investments, long-term investments, accounts receivable and forward contracts. Concentration of credit risk related to accounts receivable is limited, due to the varied customers comprising Cadence's customer base and their dispersion across geographical locations. Credit exposure related to the forward contracts is limited to the realized and unrealized gains on these contracts. Cadence issued options and warrants to hedge potential dilution of its convertible notes, as described more fully in Note 6. Changes in the fair value of these hedge and warrant

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transactions are not marked to market and are not recognized in Cadence's Consolidated Income Statement as long as the instruments remain classified as equity. All financial instruments are executed with financial institutions having strong credit ratings, which minimizes risk of loss due to nonpayment.

### **Fair Value of Financial Instruments**

The fair value of Cadence's cash and cash equivalents, short-term investments, receivables, accounts payable and foreign currency forward exchange contracts approximate their carrying value due to the short-term nature of these instruments. The fair market values of Cadence's long-term investments, term loan and installment contract receivables approximate their carrying values based upon current market rates of interest. The fair value of Cadence's convertible notes is influenced by interest rates and Cadence's stock price and stock price volatility and is determined by market trading. As of December 29, 2007, the total fair market value of Cadence's Convertible Senior Notes was \$515.6 million and the total fair market value of Cadence's 2023 Notes was \$266.3 million. See Note 6 for the fair value of Cadence's convertible note hedges and warrants.

### **Leases**

Cadence uses operating leases in its operations. For leases that contain rent escalations or rent concessions, Cadence records the total rent payable during the lease term on a straight-line basis over the term of the lease. Cadence records the difference between the rents paid and the straight-line rent as a deferred rent liability in the accompanying Consolidated Balance Sheets.

### **Advertising**

Cadence expenses the costs of advertising as incurred. Advertising expense was approximately \$8.8 million in 2007, \$10.5 million in 2006 and \$9.0 million in 2005, and is included in Marketing and sales in the accompanying Consolidated Income Statements.

## **NOTE 3. STOCK COMPENSATION PLANS**

### **Equity Incentive Plans**

Cadence's 2000 Nonstatutory Equity Incentive Plan, or the 2000 Plan, 1997 Nonstatutory Stock Incentive Plan, or 1997 Plan, and 1993 Nonstatutory Stock Incentive Plan, or 1993 Plan (the 2000 Plan, the 1997 Plan and the 1993 Plan are referred to collectively as the Nonstatutory Stock Incentive Plans), provide for the issuance of non-qualified options, incentive stock, restricted stock units, stock bonuses and rights to acquire restricted stock to Cadence employees and consultants who are not executive officers, directors or beneficial owners of 10% or more of Cadence common stock. The number of shares available for issuance under the 2000 Plan is 50,000,000, under the 1997 Plan is 30,000,000 and under the 1993 Plan is 24,750,000. Options granted under the Nonstatutory Stock Incentive Plans have an exercise price not less than the fair market value of the stock on the date of grant. Options granted to new employees become exercisable over a period of up to four years, generally with one-fourth of the shares vesting one year from the vesting commencement date, and the remaining shares vesting in 36 equal monthly installments thereafter. Options granted to current employees become exercisable over a period of up to four years, generally vesting in 48 equal monthly installments. Options granted under the Nonstatutory Stock Incentive Plans prior to October 1, 2006 generally expire ten years from the date of grant. Options granted under the Nonstatutory Stock Incentive Plans after October 1, 2006 generally expire seven years from the date of grant. Awards of incentive stock and restricted stock units granted under the Nonstatutory Stock Incentive Plans vest at times and in installments approved by the Board of Directors or its Compensation Committee, on the basis of continued employment, passage of time and/or performance criteria.

Cadence's 1987 Stock Incentive Plan, or the 1987 Plan, provides for the issuance of either incentive or non-qualified options and incentive stock. The number of shares available for issuance under the 1987 Plan is 75,370,100 shares, of which only 5,000,000 shares may be issued pursuant to incentive stock awards. Options granted under the 1987 Plan have an exercise price not less than fair market value of the stock on the date of grant and become exercisable over periods of up to five years. Options granted under the 1987 Plan prior to October 1, 2006 generally expire ten years from the date of grant. Options granted under the 1987 Plan after October 1, 2006 generally expire seven years from the date of grant. Awards of incentive stock granted under the 1987 Plan vest at

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times and in installments set forth in the 1987 Plan and approved by the Board of Directors or its Compensation Committee, on the basis of continued employment, passage of time and/or performance criteria.

Under the 1995 Directors' Stock Option Plan, or the Directors' Plan, Cadence may grant non-qualified options to its non-employee directors for up to 3,050,000 shares of common stock at an exercise price equal to the average of the closing price for 20 trading days prior to the grant date. Options granted under the Directors' Plan prior to October 1, 2006 have terms of ten years and vest one year from the date of grant. Options granted under the Directors' Plan after October 1, 2006 expire seven years from the date of grant and vest one year from the grant date.

Cadence has assumed certain options granted to employees of acquired companies, or Acquired Options. The Acquired Options were assumed by Cadence outside of its stock option plans, and each option is administered under the terms of the respective original plans of the acquired companies. All of the Acquired Options have been adjusted to effectuate the price conversion under the terms of the acquisition agreement between Cadence and the relevant acquired company. The Acquired Options generally become exercisable over a four or five year period and generally expire between five and ten years from the date of grant. No additional options will be granted under any of the acquired companies' plans.

### **Employee Stock Purchase Plan (ESPP)**

In November 1998, the Board of Directors adopted, and the Cadence stockholders subsequently approved, Cadence's Amended and Restated Employee Stock Purchase Plan, which amended and restated the 1990 Employee Stock Purchase Plan, or the ESPP. Subsequent amendments approved by the Board of Directors and Cadence stockholders increased the number of shares of common stock authorized for issuance under the ESPP to 46,500,000 shares.

Under the ESPP, substantially all employees may purchase Cadence's common stock at a price equal to 85% of the lower of the fair market value at the beginning of the applicable offering period or at the end of each applicable purchase period, in an amount up to 12% of their annual base earnings plus bonuses and commissions, subject to a limit in any calendar year of \$25,000 worth of common stock. The offering periods under the ESPP that began prior to August 1, 2006 were concurrent 24-month offering periods. Each offering period was divided into four consecutive six-month purchase periods. All offering periods that started before August 1, 2006 continued until they were completed or until they were terminated as provided in the documents governing the ESPP. Participants in the ESPP remained in the 24-month offering periods until these offering periods were completed or until such participant withdrew from the ESPP, whichever was earlier. Effective August 1, 2006, offering periods under the ESPP are six months with a corresponding six month purchase period. New offerings begin on each February 1st and August 1st, and those offerings run consecutively rather than concurrently. Participants were converted to the six-month offering periods starting with the next offering period in which the participants enroll on or after August 1, 2006. Beginning with the August 1, 2007 offering period, all participants have been participating in a six-month offering period and all 24-month offering periods have been completed. The purchase dates under the ESPP are January 31st and July 31st of each year.

### **NOTE 4. STOCK-BASED COMPENSATION**

Stock-based compensation expense and the related income tax benefit recognized under SFAS No. 123R in the Consolidated Income Statements in connection with stock options, restricted stock and the ESPP in fiscal 2007 and 2006 were as follows:

2007	2006
(In thousands)	

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Stock options	\$	37,769	\$	48,288
Restricted stock and stock bonuses		52,459		46,488
ESPP		11,187		9,210
Total stock-based compensation expense	\$	101,415	\$	103,986
Income tax benefit	\$	32,442	\$	31,895

**Table of Contents****Stock Options**

The exercise price of each stock option granted under Cadence's employee equity incentive plans is equal to or greater than the market price of Cadence's common stock on the date of grant. The fair value of each option grant is estimated on the date of grant using the Black-Scholes option pricing model. The weighted average grant date fair value of options granted and the weighted average assumptions used in the model for fiscal years 2007 and 2006 were as follows:

	2007	2006
Dividend yield	None	None
Expected volatility	23.4%	24.2%
Risk-free interest rate	4.66%	4.80%
Expected life (in years)	4.4	5.1
Weighted average fair value of options granted	\$ 5.16	\$ 5.58

The decrease in Cadence's expected life assumption from 5.1 years in 2006 to 4.4 years in 2007 is primarily due to the decrease in the contractual life from 10 to 7 years of options granted after October 1, 2006.

A summary of the changes in stock options outstanding under Cadence's equity incentive plans during the year ended December 29, 2007 is presented below:

	Shares	Weighted Average Exercise Price (Dollars and shares in thousands)	Weighted Average Remaining Contractual Terms (Years)	Aggregate Intrinsic Value
Options outstanding as of December 30, 2006	55,254	\$ 15.49	5.8	\$ 186,089
Acquired options	183	\$ 1.15		
Granted	2,778	\$ 21.57		
Exercised	(15,243)	\$ 13.95		
Canceled and forfeited	(1,797)	\$ 18.72		
Options outstanding as of December 29, 2007	41,175	\$ 16.26	5.1	\$ 98,203
Options vested as of December 29, 2007	32,334	\$ 16.32	4.6	\$ 81,568
Options vested as of December 29, 2007 and options expected to vest after December 29, 2007	40,082	\$ 16.24	5.1	\$ 97,131

Cadence had total unrecognized compensation expense, net of estimated forfeitures, related to stock option grants of \$35.3 million as of December 29, 2007, which will be recognized over the remaining weighted average vesting period



of 2.0 years. The total intrinsic value of options exercised was \$113.7 million during 2007 and \$55.9 million during 2006. Cash received from stock option exercises was \$211.5 million during 2007 and \$114.9 million during 2006.

### **Restricted Stock and Stock Bonuses**

Generally, restricted stock awards vest over four years and are subject to the employee's continuing service to Cadence. Cadence issues some of its restricted stock with performance-based vesting. The terms of these restricted stock grants are consistent with grants of restricted stock described above, with the exception that the shares vest not upon the mere passage of time, but upon the attainment of certain predetermined performance goals. Each period, Cadence estimates the most likely outcome of such performance goals and recognizes the related stock-based compensation expense. The amount of stock-based compensation expense recognized in any one period can vary based on the attainment or estimated attainment of the various performance goals. If such performance goals are not

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met, no compensation expense is recognized and any previously recognized compensation expense is reversed. Cadence recorded stock-based compensation expense of \$7.4 million during 2007 and \$4.4 million during 2006 related to these performance-based restricted stock grants. No expense was recorded in 2005 for performance-based restricted stock grants.

A summary of the changes in restricted stock outstanding under Cadence's equity incentive plans during the year ended December 29, 2007 is presented below:

	Shares	Weighted Average Grant Date Fair Value (Dollars and shares in thousands)	Weighted Average Remaining Contractual Terms (Years)	Aggregate Intrinsic Value
Non-vested shares as of December 30, 2006	7,142	\$ 16.42		\$ 127,921
Granted	1,575	\$ 20.48		
Vested	(2,609)	\$ 15.96		
Forfeited	(651)	\$ 16.65		
Non-vested shares as of December 29, 2007	5,457	\$ 17.78	2.4	\$ 92,930
Non-vested shares expected to vest after December 29, 2007	4,832	\$ 17.69	2.3	\$ 82,297

Cadence had total unrecognized compensation expense, net of estimated forfeitures, related to restricted stock grants of \$65.1 million as of December 29, 2007, which will be recognized over the remaining weighted average vesting period of 2.6 years. The total fair value of restricted stock that vested was \$61.3 million during fiscal 2007 and \$36.7 million during fiscal 2006.

**Liability-based Awards**

Cadence maintains a performance-based bonus plan under which payments may be made in Cadence common stock. Each period, Cadence estimates the most likely outcome of predetermined performance goals and recognizes any related stock-based compensation expense. The amount of stock-based compensation expense recognized in any one period can vary based on the attainment or estimated attainment of the various performance goals. If such performance goals are not met, no compensation expense is recognized and any previously recognized compensation expense is reversed. Cadence recorded stock-based compensation expense of \$9.6 million in 2007 and \$8.7 million in 2006 related to this performance-based bonus plan. The dollar amount earned under this bonus plan is based on the achievement of the performance goals, and the number of shares to be issued under the plan is based on the average stock price for three days preceding the grant date. Stock issued under the performance-based bonus plan vests immediately. Cadence issued 0.4 million shares, valued at \$8.7 million, under the performance-based bonus plan in 2007 and 0.3 million shares, valued at \$5.1 million, in 2006. No shares were issued under this plan in 2005.

**Cumulative effect of change in accounting principle, net of tax**

During the year ended December 30, 2006, a non-cash benefit of \$0.4 million for estimated forfeitures of restricted stock previously expensed was recorded as of the SFAS No. 123R implementation date as a one-time cumulative effect of change in accounting principle, net of tax. Pursuant to APB No. 25, stock-based compensation expense was not previously reduced for estimated future forfeitures, but instead was reversed upon actual forfeiture.

**Table of Contents****Employee Stock Purchase Plan (ESPP)**

Compensation expense is calculated using the fair value of the employees' purchase rights under the Black-Scholes option pricing model. The weighted average grant date fair value of purchase rights granted under the ESPP and the weighted average assumptions used in the model for fiscal years 2007 and 2006 were as follows:

	2007	2006
Dividend yield	None	None
Expected volatility	24.6%	24.0%
Risk-free interest rate	5.08%	4.89%
Expected life (in years)	0.5	1.1
Weighted average fair value of purchase rights granted	\$ 4.74	\$ 4.32

Shares of common stock issued under the ESPP for fiscal years 2007, 2006 and 2005 were as follows:

	2007	2006	2005
	(In thousands, except per share amounts)		
Cadence shares purchased under the ESPP	3,200	3,640	3,913
Cash received for the purchase of shares under the ESPP	\$ 43,964	\$ 41,619	\$ 38,093
Weighted-average purchase price per share	\$ 13.74	\$ 11.43	\$ 9.73

**Reserved for Future Issuance**

As of December 29, 2007, Cadence had reserved the following shares of authorized but unissued common stock for future issuance:

	Shares (In thousands)
Employee equity incentive plans*	51,229
Shares reserved for 2023 convertible notes conversion	14,721
Warrants related to 2023 convertible notes	14,717
Warrants related to 2011 and 2013 convertible notes	23,640
Employee stock purchase plans	4,634
Directors stock option plans*	2,306
Total	111,247

\* Includes both shares reserved for (i) issuance upon exercise of future option grants and (ii) outstanding but unexercised options to purchase common stock.

**Stock-Based Compensation for Fiscal Year 2005**

For fiscal year 2005, Cadence followed the disclosure-only provisions of SFAS No. 123, Accounting for Stock-Based Compensation, as amended. The table below provides a pro forma illustration of the financial results

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of operations as if Cadence had accounted for its grants of employee stock options under the fair value method of SFAS No. 123:

	(In thousands)
Net income (loss)	
As reported	\$ 49,343
Add: Stock-based employee compensation expense included in reported net income, net of related tax effects	33,321
Deduct: Stock-based employee compensation expense determined under fair-value method for all awards, net related tax effects	(85,719)
Pro forma net income (loss)	\$ (3,055)
Basic net income (loss) per share:	
As reported	\$ 0.18
Pro forma	\$ (0.01)
Diluted net income (loss) per share:	
As reported	\$ 0.16
Pro forma	\$ (0.01)

Cadence determined the estimated fair values of its options granted and shares purchased under its ESPP for fiscal year 2005 using the following weighted-average assumptions, assuming a dividend yield of zero for all periods:

	Stock Options
Risk-free interest rate, based on weighted average	4.11%
Volatility factors of the expected market price of Cadence's common stock	27%
Weighted average expected life of an option	4.8 Years
	Employee Stock Purchase Plan
Risk-free interest rate, based on weighted average	3.29%
Volatility factors of the expected market price of Cadence's common stock	26%
Weighted average expected life of ESPP Shares	1.3 Years

For fixed awards, as defined by APB No. 25, Cadence amortized deferred stock-based compensation to expense using the straight-line method over the period that the stock options and restricted stock vest, which is generally three to four years. For variable awards, as defined by APB No. 25, stock-based compensation expense was recognized on an accelerated basis in accordance with FASB Interpretation, or FIN, No. 28, Accounting for Stock Appreciation Rights and Other Variable Stock Option or Award Plans.

**Table of Contents****NOTE 5. BALANCE SHEET COMPONENTS**

A summary of balance sheet components as of December 29, 2007 and December 30, 2006 is as follows:

	2007	2006
	(In thousands)	
Receivables, net:		
Accounts receivable	\$ 99,991	\$ 111,029
Installment contract receivables current	229,115	131,213
Total receivables	329,106	242,242
Less: Allowance for doubtful accounts	(1,089)	(2,067)
Less: Allowance for sales returns	(1,806)	(1,737)
Receivables, net	\$ 326,211	\$ 238,438
Inventories:		
Raw materials	\$ 13,845	\$ 20,767
Finished goods	8,639	8,454
Rental	8,519	7,958
Inventories	\$ 31,003	\$ 37,179
Prepaid Expenses and Other:		
Prepaid expenses and other	\$ 36,299	\$ 32,782
Deferred income taxes	57,937	45,175
Prepaid expenses and other	\$ 94,236	\$ 77,957
Property, Plant and Equipment:		
Computer equipment and related software	\$ 596,769	\$ 574,089
Buildings	80,612	89,435
Land	60,857	74,139
Leasehold and building improvements	72,045	96,917
Furniture and fixtures	51,492	55,479
Equipment	64,148	58,293
Assets not ready to be placed in service	38,220	21,991
Total cost	964,143	970,343
Less: Accumulated depreciation and amortization	(624,680)	(615,768)
Property, plant and equipment, net	\$ 339,463	\$ 354,575
Other Assets:		
Deferred income taxes	\$ 210,139	\$ 118,459
Prepaid tax on inter-company royalties	8,346	15,539
Non-marketable securities	26,221	31,360

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Non-qualified deferred compensation assets	54,150	46,808
Purchased software technology, net	5,834	10,913
Other long-term assets	22,141	23,262
Other assets	\$ 326,831	\$ 246,341

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	2007	2006
	(In thousands)	
Accounts Payable and Accrued Liabilities:		
Payroll and payroll-related accruals	\$ 155,755	\$ 149,817
Accounts payable	17,007	21,968
Income taxes payable current	15,273	26,153
Other accrued liabilities	101,899	61,852
Accounts payable and accrued liabilities	\$ 289,934	\$ 259,790
Other Long-term Liabilities:		
Income taxes payable long-term	\$ 259,815	\$ 256,080
Long-term acquisition-related holdbacks and payments	13,685	3,204
Non-qualified deferred compensation liability	53,949	48,091
Other long-term liabilities	41,493	62,688
Other long-term liabilities	\$ 368,942	\$ 370,063

**NOTE 6. CONVERTIBLE NOTES****1.375% Convertible Senior Notes Due 2011 and 1.500% Convertible Senior Notes Due 2013**

In December 2006, Cadence issued \$250.0 million principal amount of 1.375% Convertible Senior Notes Due 2011, or the 2011 Notes, and \$250.0 million of 1.500% Convertible Senior Notes Due 2013, or the 2013 Notes, and collectively, the Convertible Senior Notes, to three initial purchasers in a private placement pursuant to Section 4(2) of the Securities Act for resale to qualified institutional buyers pursuant to SEC Rule 144A. Cadence received net proceeds of approximately \$487.0 million after transaction fees of approximately \$13.0 million, including \$12.0 million of underwriting discounts. A portion of the net proceeds totaling \$228.5 million was used to purchase \$189.6 million principal amount of Cadence's Zero Coupon Zero Yield Senior Convertible Notes Due 2023, or the 2023 Notes.

Holders may convert their Convertible Senior Notes prior to maturity upon the occurrence of one of the following events:

- The price of Cadence's common stock reaches \$27.50 during certain periods of time specified in the Convertible Senior Notes;
- Specified corporate transactions occur; or
- The trading price of the Convertible Senior Notes falls below a certain threshold.

On and after November 2, 2011, in the case of the 2011 Notes, and November 1, 2013, in the case of 2013 Notes, until the close of business on the scheduled trading day immediately preceding the maturity date, holders may convert their Convertible Senior Notes at any time, regardless of the foregoing circumstances. Cadence may not redeem the Convertible Senior Notes prior to maturity.

The initial conversion rate for the Convertible Senior Notes is 47.2813 shares of Cadence common stock per \$1,000 principal amount of Convertible Senior Notes, equivalent to a conversion price of approximately \$21.15 per share of

Cadence common stock. Upon conversion, a holder will receive the sum of the daily settlement amounts, calculated on a proportionate basis for each day, during a specified observation period following the conversion date. The daily settlement amount during each date of the observation period consists of:

Cash up to the principal amount of the note; and  
Cadence's common stock to the extent that the conversion value exceeds the amount of cash paid upon conversion of the Convertible Senior Notes.

In addition, if a fundamental change occurs prior to maturity, Cadence will, in certain cases, increase the conversion rate by an additional amount up to \$8.27 per share, for a holder that elects to convert its Convertible Senior Notes in connection with such fundamental change, which amount will be paid entirely in cash. A fundamental change is any transaction or event (whether by means of an exchange offer, liquidation, tender offer,

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consolidation, merger, combination, reclassification, recapitalization or otherwise) in connection with which more than 50% of Cadence's common stock is exchanged for, converted into, acquired for or constitutes solely the right to receive, consideration which is not at least 90% shares of common stock, or depositary receipts representing such shares, that are:

- Listed on, or immediately after the transaction or event will be listed on, a United States national securities exchange; or
- Approved, or immediately after the transaction or event will be approved, for quotation on a United States system of automated dissemination of quotations of securities prices similar to the NASDAQ National Market prior to its designation as a national securities exchange.

As of December 29, 2007, none of the conditions allowing the holders of the Convertible Senior Notes to convert had been met.

Cadence evaluated the embedded conversion option in accordance with SFAS No. 133, *Accounting for Derivative Instruments and Hedging Activities* and concluded that the embedded conversion option contained within the Convertible Senior Notes should not be accounted for separately because the conversion option is indexed to Cadence's common stock and is classified as Stockholders' equity. Furthermore, Cadence evaluated the terms of the Notes for a beneficial conversion feature in accordance with EITF No. 98-5, *Accounting for Convertible Securities with Beneficial Conversion Features or Contingently Adjustable Conversion Ratios* and EITF No. 00-27, *Application of Issue 98-5 to Certain Convertible Instruments* and concluded there was no beneficial conversion feature at the commitment date based on the conversion rate of the Convertible Senior Notes relative to the commitment date stock price.

Interest on the Convertible Senior Notes began accruing in December 2006 and is payable semi-annually each December 15th and June 15th.

Concurrently with the issuance of the Convertible Senior Notes, Cadence entered into hedge transactions with various parties whereby Cadence has the option to purchase up to 23.6 million shares of Cadence's common stock at a price of \$21.15 per share, subject to adjustment. These options expire on December 15, 2011, in the case of the 2011 Notes, and December 15, 2013, in the case of the 2013 Notes, and must be settled in net shares. The aggregate cost of these hedge transactions was \$119.8 million and has been recorded as a reduction to Stockholders' equity in accordance with EITF No. 00-19, *Accounting for Derivative Financial Instruments Indexed to, and Potentially Settled in, a Company's Own Stock*. The estimated fair value of the hedges acquired in connection with the issuance of the Convertible Senior Notes was \$98.1 million as of December 29, 2007. Subsequent changes in the fair value of these hedges will not be recognized as long as the instruments remain classified as equity.

In separate transactions, Cadence also sold warrants to various parties for the purchase of up to 23.6 million shares of Cadence's common stock at a price of \$31.50 per share in a private placement pursuant to Section 4(2) of the Securities Act. The warrants expire on various dates from February 2012 through April 2012 in the case of the 2011 Notes, and February 2014 through April 2014 in the case of the 2013 Notes, and must be settled in net shares. Cadence received \$39.4 million in cash proceeds from the sale of these warrants, which has been recorded as a reduction to Stockholders' equity in accordance with EITF No. 00-19. The estimated fair value of the warrants sold in connection with the issuance of the Convertible Senior Notes was \$35.7 million as of December 29, 2007. Subsequent changes in the fair value of these warrants will not be recognized as long as the instruments remain classified as equity. The warrants will be included in diluted earnings per share, or EPS, to the extent the impact is not considered anti-dilutive.

SFAS No. 128, Earnings per Share and EITF No. 04-08, Accounting Issues Related to Certain Features of Contingently Convertible Debt and the Effect on Diluted Earnings per Share, requires Cadence to include in diluted earnings per share the shares of Cadence's common stock into which the Convertible Senior Notes will be converted. However, since the Convertible Senior Notes meet the qualification of an Instrument C under EITF No. 90-19,

Convertible Bonds with Issuer Option to Settle for Cash Upon Conversion, and because cash will be paid for the principal amount of the obligation upon conversion, the only shares that will be considered for inclusion in diluted EPS are those relating to the excess of the conversion premium over the principal amount in accordance with SFAS No. 128 and EITF Topic D-72, Effect of Contracts That May Be Settled in Stock or Cash on the Computation of Diluted Earnings per Share. As of December 29, 2007, no shares are included in diluted EPS for the Convertible Senior Notes.

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In the event Cadence's common stock exceeds \$21.15 per share, for the first \$1.00 the price exceeds \$21.15, there would be dilution of approximately 1.1 million shares, but the impact on the calculation of EPS will vary depending on when during the year the \$21.15 per share price is reached. As the share price continues to increase, dilution would continue to occur but at a declining rate.

### **Zero Coupon Zero Yield Senior Convertible Notes Due 2023**

In August 2003, Cadence issued \$420.0 million principal amount of its 2023 Notes to two initial purchasers in a private placement pursuant to Section 4(2) of the Securities Act for resale to qualified institutional buyers pursuant to SEC Rule 144A. Cadence received net proceeds of \$406.4 million after transaction fees of \$13.6 million that were recorded in Other long-term assets and are being amortized to interest expense using the straight-line method over five years, which is the duration of the first redemption period. The 2023 Notes were issued by Cadence at par and bear no interest. The 2023 Notes are convertible into Cadence common stock initially at a conversion price of \$15.65 per share, which would result in an aggregate of 26.8 million shares issued upon conversion, subject to adjustment upon the occurrence of specified events. In connection with the issuance of the Convertible Senior Notes in December 2006, Cadence repurchased \$189.6 million principal amount of the 2023 Notes, reducing the aggregate number of shares to be issued upon conversion to 14.7 million.

Cadence may redeem for cash all or any part of the 2023 Notes on or after August 15, 2008 for 100.00% of the principal amount. The holders of the 2023 Notes may require Cadence to repurchase for cash all or any portion of their 2023 Notes on August 15, 2008 for 100.25% of the principal amount, on August 15, 2013 for 100.00% of the principal amount or on August 15, 2018 for 100.00% of the principal amount, by providing to the paying agent a written repurchase notice. The repurchase notice must be delivered during the period commencing 30 business days prior to the relevant repurchase date and ending on the close of business on the business day prior to the relevant repurchase date. In addition, Cadence may redeem for cash all or any part of the 2023 Notes on or after August 15, 2008 for 100.00% of the principal amount, except for those 2023 Notes that holders have required Cadence to repurchase on August 15, 2008 or on other repurchase dates, as described above. Because the 2023 Notes can be redeemed by the holders on August 15, 2008, the 2023 Notes are classified as a Current liability in Cadence's Consolidated Balance Sheet as of December 29, 2007.

Each \$1,000 of principal of the 2023 Notes will initially be convertible into 63.8790 shares of Cadence common stock, subject to adjustment upon the occurrence of specified events. Holders of the 2023 Notes may convert their 2023 Notes prior to maturity only if:

- The price of Cadence common stock reaches \$22.69 during certain periods of time specified in the 2023 Notes;
- Specified corporate transactions occur;
- The 2023 Notes have been called for redemption; or
- The trading price of the 2023 Notes falls below a certain threshold.

As the fourth conversion feature is linked to the trading price of the 2023 Notes, which are traded in an observable market that differs from the one in which Cadence's common stock is traded, the conversion feature meets the definition of a derivative that must be accounted for separately at fair value. The fair value of this conversion feature was not material at inception of the 2023 Notes or as of December 29, 2007. As of December 29, 2007, none of the conditions allowing holders of the 2023 Notes to convert had been met.

In the event of a fundamental change in Cadence's corporate ownership or structure, the holders may require Cadence to repurchase all or any portion of their 2023 Notes for 100.00% of the principal amount. Upon a fundamental change in Cadence's corporate ownership or structure, in certain circumstances Cadence may choose to pay the repurchase

price in cash, shares of Cadence common stock or a combination of cash and shares of Cadence common stock. As of December 29, 2007, none of the conditions allowing the holders of the 2023 Notes to convert had been met.

In connection with the issuance of the Convertible Senior Notes in December 2006, a portion of the proceeds were used to purchase in the open market 2023 Notes with a principal balance of \$189.6 million for a total purchase price of \$228.5 million. In connection with this purchase, Cadence incurred expenses of \$40.8 million for the early extinguishment of debt. The loss on early extinguishment of debt included the call premium on the purchased 2023 Notes and the write-off of a portion of the unamortized deferred debt issuance costs.

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Concurrently with the issuance of the 2023 Notes, Cadence entered into hedge transactions with a financial institution whereby Cadence originally acquired options to purchase up to 26.8 million shares of Cadence common stock at a price of \$15.65 per share. These options expire on August 15, 2008 and must be settled in net shares. The cost of the hedge transactions to Cadence was \$134.6 million. In connection with the purchase of a portion of the 2023 Notes in December 2006, Cadence also sold 12.1 million of the hedges that were originally purchased in connection with the 2023 Notes and received proceeds of \$55.9 million.

In addition, Cadence sold warrants for its common stock to a financial institution for the purchase of up to 26.8 million shares of Cadence common stock at a price of \$23.08 per share. The warrants expire on various dates from February 2008 through May 2008 and must be settled in net shares. Cadence received \$56.4 million in cash proceeds from the sale of these warrants. In connection with the purchase of a portion of the 2023 Notes in December 2006, Cadence also purchased 12.1 million of the warrants for its common stock that were originally issued in connection with the 2023 Notes at a cost of \$10.2 million. The remaining outstanding warrants will be included in diluted EPS to the extent the impact is not considered anti-dilutive.

The costs incurred in connection with the hedge transaction and the proceeds from the sale of the warrants are included as a net reduction in Common stock and capital in excess of par in the accompanying Consolidated Balance Sheets as of December 29, 2007 and December 30, 2006, in accordance with the guidance in EITF No. 00-19. Additionally, the cost to purchase a portion of the warrants and the proceeds received from selling a portion of the notes hedges during December 2006 have also been recorded to stockholders equity. As of December 29, 2007, the estimated fair value of the remaining hedges acquired in connection with the issuance of the 2023 Notes was \$39.0 million and the estimated fair value of the remaining warrants sold in connection with the issuance of the 2023 Notes was \$0.2 million. Subsequent changes in the fair value of these hedge and warrant transactions will not be recognized as long as the instruments remain classified as equity.

For the year ended December 29, 2007, a weighted average of 14.7 million common shares were included in diluted EPS for the 2023 Notes. There will be no other impact on basic or dilutive EPS for the 2023 Notes unless the price of Cadence's common stock exceeds the warrant strike price of \$23.08 per share. Up to \$23.08 per share, in connection with any conversion, the operation of the hedge transactions and sale of the warrants would effectively result in no impact on basic or dilutive EPS. In the event Cadence's common stock exceeds \$23.08 per share, for the first \$1.00 the price exceeds \$23.08, there would be dilution of approximately 0.6 million shares, but the impact on the calculation of EPS will vary depending on when during the year the \$23.08 per share price is reached. As the share price continues to increase, dilution would continue to occur but at a declining rate. If these transactions settle in Cadence's favor, Cadence could be exposed to credit risk related to the other party to the transactions.

## **NOTE 7. TERM LOAN**

On December 19, 2005, Castlewilder, a company incorporated in Ireland and a wholly-owned subsidiary of Cadence, entered into a \$160.0 million syndicated term facility agreement, or Credit Agreement, with Banc of America Securities LLC as lead arranger, and Bank of America, N.A. as Administrative Agent. During the year ended December 30, 2006, Castlewilder made principal payments of \$132.0 million. During the year ended December 29, 2007, Castlewilder made the remaining principal payment of \$28.0 million.

**Table of Contents****NOTE 8. INCOME TAXES**

The provision for income taxes consisted of the following components in fiscal 2007, 2006 and 2005:

	2007	2006 (In thousands)	2005
Current:			
Federal	\$ 34,041	\$ 31,533	\$ 66,179
State	4,020	2,806	11,859
Foreign	16,947	35,830	24,070
Total current	55,008	70,169	102,108
Deferred:			
Federal	13,709	29,447	(15,439)
State	(5,500)	4,769	(8,988)
Foreign	4,602	(4,681)	1,459
Total deferred	12,811	29,535	(22,968)
Total provision for income taxes	\$ 67,819	\$ 99,704	\$ 79,140

Income before provision for income taxes included income from Cadence's foreign subsidiaries of approximately \$218.3 million in 2007, \$95.2 million in 2006 and \$87.1 million in 2005.

The provision for income taxes differs from the amount estimated by applying the statutory federal income tax rate of 35% to income before provision for income taxes in fiscal 2007, 2006 and 2005 as follows:

	2007	2006 (In thousands)	2005
Provision computed at federal statutory rate	\$ 127,425	\$ 84,657	\$ 44,969
State income tax, net of federal tax effect	(386)	5,031	702
Taxes on AJCA repatriation	----	----	30,082
Foreign income taxed at a higher (lower) rate	(26,886)	3,719	63
Stock-based compensation	(556)	1,388	3,420
Basis difference in acquisitions	4,251	7,438	5,775
Change in valuation allowance	(809)	783	(2,698)
Research and development tax credit	(10,203)	(3,289)	(2,328)
Settlement of the IRS exam for the 1997 - 1999 tax years	(27,771)	----	----
Other	2,754	(23)	(845)
Provision for income taxes	\$ 67,819	\$ 99,704	\$ 79,140
Effective tax rate	19%	41%	62%





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The components of deferred tax assets and liabilities consisted of the following as of December 29, 2007 and December 30, 2006:

	2007	2006
	(In thousands)	
Deferred Tax Assets:		
Intangibles	\$ 35,731	\$ 45,506
Accruals and reserves	87,141	53,030
Tax credit carryforwards	79,095	25,974
Depreciation and amortization	18,580	19,803
Investments	16,919	17,916
Stock-based compensation	25,061	22,747
Net operating loss carryforwards	32,302	7,426
Other	406	2,169
Total deferred tax assets	295,235	194,571
Valuation allowance	(5,101)	(5,909)
Net deferred tax assets	290,134	188,662
Deferred Tax Liabilities:		
Intangibles	(31,807)	(29,865)
Other	(7,707)	(8,717)
Total deferred tax liabilities	(39,514)	(38,582)
Total net deferred tax assets	\$ 250,620	\$ 150,080

As of December 29, 2007, Cadence had total net deferred tax assets of approximately \$250.6 million. Realization of the deferred tax assets will depend on generating sufficient taxable income of the appropriate character and in the appropriate jurisdictions prior to the expiration of certain net operating loss, capital loss and tax credit carryforwards. Although realization is not assured, management believes that it is more likely than not that the net deferred tax assets will be realized.

The valuation allowance decreased by \$0.8 million during 2007 based on estimated realization of deferred tax assets in future years. As of December 29, 2007, the valuation allowance was \$5.1 million and is related to certain state net operating losses and tax credits, and certain foreign capital loss carryforwards, the utilization of which is not likely based on Cadence's estimation of future taxable income in these states and future foreign capital gains.

Cadence provides for United States income taxes on the earnings of foreign subsidiaries unless the earnings are considered indefinitely invested outside of the United States. As of December 29, 2007, the cumulative amount of earnings upon which United States income taxes have not been provided was approximately \$424.2 million. As of December 29, 2007, the unrecognized deferred tax liability for these earnings was approximately \$139.8 million. Cadence intends to indefinitely reinvest its foreign earnings outside of the United States.

As of December 29, 2007, Cadence had federal and California net operating loss carryforwards of approximately \$34.8 million and \$27.1 million, respectively, available to reduce future taxable income. The federal net operating loss carryforwards will expire at various dates from 2008 through 2026. The California net operating loss carryforwards will expire at various dates from 2012 through 2016. Cadence also has tax effected net operating losses from states other than California of \$1.8 million, net of federal tax benefit, which will expire at various dates from 2008 through 2025.

As of December 29, 2007, Cadence had federal tax credits of \$10.3 million, California credits of \$14.3 million, net of federal tax benefit, credits from states other than California of \$4.1 million, net of federal tax benefit and \$0.5 million of tax credits in foreign jurisdictions. \$16.0 million of these tax credits do not expire and carry forward indefinitely until utilized and the remaining \$13.2 million of tax credits will expire at various dates from 2008 through 2027.

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The cumulative effect of adopting FIN No. 48 was reported as an adjustment to the opening balance of retained earnings (or other appropriate components of equity or net assets) in the Consolidated Balance Sheet for fiscal 2007. Cadence recognized a \$59.4 million decrease in the net liabilities for unrecognized tax benefits, which was accounted for as an increase to the December 31, 2006 balance of retained earnings. Cadence also recognized a \$42.6 million decrease in the net liabilities for unrecognized tax benefits, which was accounted for as a \$35.3 million increase in the December 31, 2006 balance of Common stock and capital in excess of par value and a \$7.3 million decrease in the December 31, 2006 balance of Goodwill.

Upon adoption of FIN No. 48, Cadence also recognized additional long-term income tax assets of \$115.0 million and additional long-term income tax liabilities of \$115.0 million to present the unrecognized tax benefits as gross amounts on the Consolidated Balance Sheet. Cadence also decreased current income tax liabilities by \$26.2 million and increased long-term income tax liabilities by the same amount based on its anticipation of the amount of cash payments to be made within one year.

The Internal Revenue Service, or IRS, and other tax authorities regularly examine Cadence's income tax returns. Cadence's United States federal income tax returns beginning with the 1997 tax year remain subject to examination by the IRS. Cadence's California income tax returns beginning with the 2001 tax year remain subject to examination by the California Franchise Tax Board.

In November 2003, the IRS completed its field examination of Cadence's federal income tax returns for the tax years 1997 through 1999 and issued a Revenue Agent's Report, or RAR, in which the IRS proposed to assess an aggregate tax deficiency for the three-year period of approximately \$143.0 million. The most significant of the disputed adjustments for the tax years 1997 through 1999 related to transfer pricing arrangements that Cadence had with a foreign subsidiary. In December 2007, the Joint Committee on Taxation of the U.S. Congress, or the Joint Committee, approved and the Appeals Office of the IRS, or the Appeals Office, executed settlement agreements, which resulted in an effective settlement of the transfer pricing dispute for purposes of FIN No. 48. As a result of this effective settlement, Cadence recognized a tax benefit of \$27.8 million in the Consolidated Income Statement. Cadence also recognized a tax benefit of \$6.2 million in the Consolidated Statements of Stockholders' Equity and Comprehensive Income as a result of this effective settlement.

Cadence did not reach a settlement with the Appeals Office of the IRS on separate tax refund claims that would increase its tax deductions for foreign trade income for the tax years 1997 through 1999. Cadence continues to believe that its position is well supported and Cadence is currently considering its options for further pursuing this matter.

In July 2006, the IRS completed its field examination of Cadence's federal income tax returns for the tax years 2000 through 2002 and issued an RAR in which the IRS proposed to assess an aggregate tax deficiency for the three-year period of approximately \$324.0 million. In November 2006, the IRS revised the proposed aggregate tax deficiency for the three-year period to be approximately \$318.0 million. The IRS is contesting Cadence's qualification for deferred recognition of certain proceeds received from restitution and settlement in connection with litigation during the period. The proposed tax deficiency for this item is approximately \$152.0 million. The remaining proposed tax deficiency of approximately \$166.0 million is primarily related to proposed adjustments to Cadence's transfer pricing arrangements that it had with foreign subsidiaries and to Cadence's deductions for foreign trade income. The IRS may make similar claims against our transfer pricing arrangements and deductions for foreign trade income in future examinations. Cadence has filed a timely protest with the IRS and will seek resolution of the issues through the Appeals Office.

Cadence believes that the proposed IRS adjustments are inconsistent with applicable tax laws and Cadence is vigorously challenging these proposed adjustments. The RAR is not a final Statutory Notice of Deficiency but the IRS imposes interest on the proposed deficiencies until the matters are resolved. Interest is compounded daily at rates

published by the IRS, which rates are adjusted quarterly and have been between 4% and 10% since 2001. The IRS is currently examining Cadence's federal income tax returns for the tax years 2003 through 2005.

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The changes in the gross amount of unrecognized tax benefits for the year ended December 29, 2007 are as follows:

	(In thousands)
Balance as of December 31, 2006	\$ 337,226
Gross amount of the decreases in unrecognized tax benefits of tax positions taken during a prior year	(31,608)
Gross amount of the increases in unrecognized tax benefits as a result of tax positions taken during the current year	7,764
Amount of decreases in unrecognized tax benefits relating to settlements with taxing authorities	(6,001)
Reductions to unrecognized tax benefits resulting from the lapse of the applicable statute of limitations	(511)
Balance as of December 29, 2007	\$ 306,870

As of December 29, 2007, \$228.4 million of unrecognized tax benefits would, if recognized, reduce the effective tax rate, as compared to \$232.1 million as of December 31, 2006, the first day of Cadence's fiscal year.

The total amounts of interest and penalties recognized in the Consolidated Income Statement for the year ended December 29, 2007 resulted in net tax benefits of \$11.1 million and \$0.4 million, respectively, primarily due to the effective settlement of tax audits during the year. The total amounts of gross accrued interest and penalties recognized in the Consolidated Balance Sheets as of December 29, 2007, were \$47.9 million and \$9.7 million, respectively as compared to \$65.8 million and \$10.1 million, respectively as of December 31, 2006.

**NOTE 9. ACQUISITIONS**

For each of the acquisitions described below, the results of operations and the estimated fair value of the assets acquired and liabilities assumed have been included in Cadence's Consolidated Financial Statements from the date of the acquisition.

Comparative pro forma financial information for all 2007, 2006 and 2005 acquisitions have not been presented because the results of operations were not material to Cadence's Consolidated Financial Statements.

**2007 Acquisitions**

During 2007, Cadence acquired Invarium, Inc., a San Jose-based developer of advanced lithography-modeling and pattern-synthesis technology, and Clear Shape Technologies, Inc., a San Jose-based design for manufacturing technology company specializing in design-side solutions to minimize yield loss for advanced semiconductor integrated circuits. Cadence acquired these two companies for an aggregate purchase price of \$75.5 million, which included the payment of cash, the fair value of assumed options and acquisition costs. The \$45.7 million of goodwill recorded in connection with these acquisitions is not expected to be deductible for income tax purposes. Prior to acquiring Clear Shape Technologies, Inc., Cadence had an investment of \$2.0 million in the company, representing a 12% ownership interest, which had been accounted for under the cost method of accounting. In accordance with SFAS No. 141, Business Combinations, Cadence accounted for this acquisition as a step acquisition. Subsequent adjustments to the purchase price of these acquired companies are included in the Other line of the changes of goodwill table in Note 10 below.

## 2006 Acquisition

In March 2006, Cadence acquired a company for an aggregate initial purchase price of \$25.8 million, which included the payment of cash, the fair value of assumed options and acquisition costs. The preliminary allocation of the purchase price was recorded as \$17.4 million of goodwill, \$9.4 million of identifiable intangible assets and \$(1.0) million of net liabilities. The \$17.4 million of goodwill recorded in connection with this acquisition is not expected to be deductible for income tax purposes. Subsequent adjustments to the purchase price of this acquired company are included in the Other line of the changes of goodwill table in Note 10 below.

**Table of Contents****2005 Acquisition**

In April 2005, Cadence acquired Verisity Ltd., or Verisity, an Israeli corporation. Verisity was a publicly-held provider of verification process automation solutions. Cadence purchased Verisity to acquire key personnel and technology. The aggregate initial purchase price was \$325.4 million, which included the payment of \$304.6 million of cash, \$10.6 million of assumed options at fair value, \$6.9 million of acquisition costs and \$3.3 million of contract termination costs. For tax purposes, approximately \$160.0 million of the goodwill is expected to be deductible. Subsequent adjustments to the purchase price of this acquired company are included in the Other line of the changes of goodwill table in Note 10 below.

**Acquisition-Related Earnouts**

For many of Cadence's previously completed acquisitions, payment of a portion of the purchase price is contingent upon the acquired business' achievement of certain revenue and product development performance goals. The portion of the contingent purchase price, or earnout, associated with employee retention is recorded as compensation expense. The specific performance goal levels, and amounts and timing of earnout payments, vary with each acquisition.

During the year ended December 29, 2007, Cadence recorded \$4.1 million of goodwill for achieved earnouts paid in cash to former stockholders of acquired companies. In addition, Cadence recorded \$0.3 million in compensation expense related to these earnouts during the year ended December 29, 2007.

During the year ended December 30, 2006, Cadence recorded \$18.6 million of goodwill for achieved earnouts paid in cash to former stockholders of acquired companies. In addition, Cadence recorded \$1.4 million in compensation expense related to these earnouts during the year ended December 30, 2006.

During the year ended December 31, 2005, Cadence recorded \$27.5 million of goodwill for achieved earnouts payable to former stockholders of acquired companies. The \$27.5 million of earnouts consisted of \$26.2 million of cash payments and the issuance of 0.1 million shares of Cadence's common stock valued at \$1.3 million.

**Write-off of Acquired In-Process Research and Development**

Acquired in-process research and development charges represent in-process research and development that had not reached technological feasibility at the time of acquisition and had no probable alternative future use.

For acquisitions completed during 2007, 2006 and 2005, the purchase price allocated to acquired in-process research and development was determined through established valuation techniques. The acquired in-process research and development was immediately expensed because technological feasibility had not been established, and no future alternative use existed. The write-off of acquired in-process research and development is a component of operating expenses in the Consolidated Income Statements.

Described below are the write-offs of acquired in-process research and development charges in fiscal 2007, 2006 and 2005.

	2007	2006	2005
		(In thousands)	
2007 acquisitions	\$ 2,678	\$ ----	\$ ----
2006 acquisition	----	900	----



Verisity Ltd.		----		----	9,400
Total in-process research and development	\$	2,678	\$	900	\$ 9,400

**NOTE 10. GOODWILL AND ACQUIRED INTANGIBLES****Goodwill**

In accordance with SFAS No. 142, Goodwill and Other Intangible Assets, Cadence conducts an annual impairment analysis of goodwill, which it completed during the third quarter of 2007. Based on the results of the impairment review, Cadence determined that no indicators of impairment existed for its reporting unit during 2007.

For purposes of SFAS No. 142, Cadence operates under one reporting unit. Cadence's annual impairment review process compares the fair value of its reporting unit to its carrying value, including the goodwill related to the

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reporting unit. To determine the reporting unit's fair value, Cadence utilized the market valuation approach in the current year evaluation.

The market approach provides an estimate of the fair value of Cadence based on the total number of Cadence common shares outstanding, multiplied by the price per common share. The estimated fair value is then compared to the carrying value of Cadence's net assets. If the carrying value of Cadence's net assets is greater than the aggregate market value of its common shares outstanding, additional fair value analyses are performed on the individual intangible assets, including goodwill, to determine if any intangible assets are impaired, and, if so, an impairment charge is recorded.

The changes in the carrying amount of goodwill for the years ended December 29, 2007 and December 30, 2006 are as follows:

	(In thousands)
Balance as of December 31, 2005	\$ 1,232,926
Goodwill resulting from acquisition during the year	17,393
Additions due to earnouts	18,632
Adjustments to acquired deferred tax assets and taxes payable	(377)
Tax benefits allocable to goodwill	(1,370)
Other	375
Balance as of December 30, 2006	1,267,579
Goodwill resulting from acquisitions during the year	45,700
Additions due to earnouts	4,137
Tax benefits allocable to goodwill	(1,708)
Adoption of FIN No. 48	(7,318)
Other	1,821
Balance as of December 29, 2007	\$ 1,310,211

**Acquired Intangibles, net**

Acquired intangibles with finite lives as of December 29, 2007 were as follows:

	Gross Carrying Amount	Accumulated Amortization (In thousands)	Acquired Intangibles, net
Existing technology and backlog	\$ 651,427	\$ (602,161)	\$ 49,266
Agreements and relationships	96,585	(51,791)	44,794
Distribution rights	30,100	(13,545)	16,555
Tradenames, trademarks and patents	29,367	(12,910)	16,457
Total acquired intangibles	\$ 807,479	\$ (680,407)	\$ 127,072

Cadence acquired intangible assets of \$60.7 million during the year ended December 29, 2007, of which \$27.9 million was acquired in connection with the acquisitions described in Note 9. Of the \$32.8 million of other acquired intangibles, \$30.7 million is included in agreements and relationships and \$2.1 million is included in tradenames, trademarks, and patents in the above table. The \$60.7 million of acquired intangible assets had a weighted average life of 5 years at the time of acquisition.

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Acquired intangibles with finite lives as of December 30, 2006 were as follows:

	Gross Carrying Amount	Accumulated Amortization (In thousands)	Acquired Intangibles, net
Existing technology and backlog	\$ 625,832	\$ (572,315)	\$ 53,517
Agreements and relationships	63,153	(41,773)	21,380
Distribution rights	30,100	(10,535)	19,565
Tradenames, trademarks and patents	26,634	(8,358)	18,276
Total acquired intangibles	\$ 745,719	\$ (632,981)	\$ 112,738

Amortization expense for the fiscal years 2007, 2006 and 2005, by Income statement caption, was as follows:

	2007	2006 (In thousands)	2005
Cost of product	\$ 22,338	\$ 33,239	\$ 46,957
Cost of services	11	863	1,746
Cost of maintenance	4,869	6,008	5,670
Amortization of acquired intangibles	19,421	23,141	47,762
Total acquired intangibles	\$ 46,639	\$ 63,251	\$ 102,135

Amortization of costs from existing technology is included in Cost of product and Cost of services. Amortization of costs from acquired maintenance contracts is included in Cost of maintenance.

Estimated amortization expense for the following fiscal years and thereafter is as follows:

	(In thousands)
2008	\$ 43,083
2009	33,735
2010	21,417
2011	16,114
2012	10,623
Thereafter	2,100
Total estimated amortization expense	\$ 127,072

**NOTE 11. SALES OF INSTALLMENT CONTRACT RECEIVABLES**

From time-to-time, Cadence transfers installment contract receivables on a non-recourse or limited-recourse basis to third party financing institutions. These transfers are recorded as sales and accounted for in accordance with SFAS No. 140, Accounting for Transfers and Servicing of Financial Assets and Extinguishments of Liabilities. The

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following table shows the amounts of accounts receivable transferred to financing institutions on a non-recourse basis in fiscal 2007, 2006 and 2005:

	2007	2006 (In thousands)	2005
Accounts receivable transferred	\$ 229,234	\$ 200,837	\$ 202,757

Losses on the sale of receivables are included in General and administrative expense in the accompanying Consolidated Income Statements. The recorded losses are determined based on the purchasing financing institution's review of the credit strength of the customers whose installment contract receivables are being transferred by Cadence. The following table presents the losses recorded in fiscal 2007, 2006 and 2005:

	2007	2006 (In thousands)	2005
Losses on sales of receivables	\$ 13,790	\$ 20,257	\$ 10,678

When Cadence sells receivables, it generally retains the servicing rights to the underlying accounts receivable. The fair value of the retained servicing rights have not been material to Cadence's Consolidated Financial Statements.

**Table of Contents****NOTE 12. FINANCIAL INSTRUMENTS****Investments**

The following tables summarize Cadence's cash, cash equivalents, short-term investments and long-term investments as of December 29, 2007:

	Cost	Gross Unrealized Gains (In thousands)	Gross Unrealized Losses (In thousands)	Fair Value
Classified as Cash and cash equivalents:				
Cash and interest bearing deposits	\$ 198,708	\$ ----	\$ ----	\$ 198,708
Cash Equivalents Money market mutual funds	864,212	----	----	864,212
Total Cash and cash equivalents	\$ 1,062,920	\$ ----	\$ ----	\$ 1,062,920
Classified as investments:				
Time deposits	\$ 254	\$ ----	\$ ----	\$ 254
Marketable securities available-for-sale	14,044	4,467	(3,572)	14,939
Non-marketable securities	26,221	----	----	26,221
Total investments	\$ 40,519	\$ 4,467	\$ (3,572)	\$ 41,414
Investments reported as:				
Short-term investments				\$ 15,193
Long-term investments in Other assets				26,221
Total investments				\$ 41,414

The following table summarizes the fair value and gross unrealized losses related to available-for-sale securities, aggregated by investment category and length of time that individual securities have been in a continuous unrealized loss position as of December 29, 2007:

	Fair Value	Less than 12 Months Gross Unrealized Losses (In thousands)
Marketable securities available-for-sale	\$ 6,446	\$ (3,572)

Market values were determined for each individual security in the investment portfolio. The decline in value of these investments is related to changes in the market value of the investees' common stock and is considered to be temporary in nature.

See Note 2 for Cadence's policy on recording other-than-temporary declines in its marketable equity securities. Cadence recognizes realized gains and losses upon sale of investments using the specific identification method.

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The following tables summarize Cadence's cash, cash equivalents, short-term investments and long-term investments as of December 30, 2006:

	Cost	Gross Unrealized Gains (In thousands)	Gross Unrealized Losses (In thousands)	Fair Value
Classified as Cash and cash equivalents:				
Cash and interest bearing deposits	\$ 80,015	\$ ----	\$ ----	\$ 80,015
Cash equivalents:				
Money market mutual funds	6,023	----	----	6,023
Commercial paper	848,304	----	----	848,304
Total cash equivalents	854,327	----	----	854,327
Total Cash and cash equivalents	\$ 934,342	\$ ----	\$ ----	\$ 934,342
Classified as investments:				
Time deposits	\$ 434	\$ ----	\$ ----	\$ 434
Marketable securities available-for-sale	15,510	9,749	(1,604)	23,655
Non-marketable securities	31,360	----	----	31,360
Total investments	\$ 47,304	\$ 9,749	\$ (1,604)	\$ 55,449
Investments reported as:				
Short-term investments				\$ 24,089
Long-term investments in Other assets				31,360
Total investments				\$ 55,449

**Marketable Securities**

Net recognized gains from the sale of available-for-sale securities in fiscal 2007, 2006 and 2005 were as follows:

	2007	2006 (In thousands)	2005
Available-for-sale Securities	\$ 4,404	\$ 6,667	\$ 9,191

There were no recognized losses from other-than-temporary declines in the market value of available-for-sale securities in 2007, 2006 or 2005.

**Non-Marketable Securities**



Cadence uses either the cost or equity method of accounting to account for its long-term, non-marketable investment securities, which are included in Other assets on the Consolidated Balance Sheets. Net realized gains on the sale of non-marketable investments were \$6.0 million in 2007, \$19.9 million in 2006 and \$2.5 million in 2005. In addition, Cadence's 1996 Deferred Compensation Venture Investment Plan Trust recorded a gain of \$0.6 million in 2007 and \$2.7 million in 2006. If Cadence determines that an other-than-temporary decline exists in a non-marketable equity security, Cadence writes down the investment to its fair value and records the related write-down as an investment loss in the Consolidated Income Statements.

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The following table illustrates the carrying value of Cadence's non-marketable securities as of December 29, 2007 and December 30, 2006:

		2007	2006
		(In thousands)	
Non-Marketable Securities	Application of Cost Method	\$ 23,853	\$ 29,726
Non-Marketable Securities	Application of Equity Method	2,368	1,634
Total		\$ 26,221	\$ 31,360

**Cost Method Investments**

Cadence recorded write-downs due to other-than-temporary declines in value of non-marketable securities carried on the cost basis of \$2.6 million in 2007, \$2.5 million in 2006 and \$9.7 million in 2005. These write-downs are included in Other income, net, in the Consolidated Income Statements.

In January 2006, KhiMetrics, Inc., a cost method investment held by Telos Venture Partners, a limited partnership in which Cadence and its 1996 Deferred Compensation Venture Investment Plan Trust are the sole limited partners, was sold for consideration of \$6.53 per share of common stock. In connection with this sale, Cadence received approximately \$20.2 million in cash and recorded a gain of approximately \$17.1 million during the year ended December 30, 2006. In addition, the 1996 Deferred Compensation Venture Investment Plan Trust received \$2.9 million in cash and recorded a gain of \$2.5 million during the year ended December 30, 2006. Under the purchase agreement, an additional 10% of the consideration was held in escrow, which was released to Cadence and to the trust in January 2007. Upon receipt of these additional proceeds, Cadence recorded a gain of \$2.6 million and the 1996 Deferred Compensation Venture Investment Plan Trust recorded a gain of \$0.4 million in the year ended December 29, 2007.

**Equity Method Investments**

Cadence's voting interest in its equity method investments ranged from approximately 10% to 46% of the following privately-held companies: Accent International S.A., D2S, Inc., FyreStorm, Inc., GSR Associates II, L.P., Shanghai SVA Integrated Circuits Co., Ltd. and ZCIST Co., Ltd.

The following table presents (unaudited) summary financial data of Cadence's equity method investments held as of and for the year ended December 29, 2007:

As of December 29, 2007:	(In thousands)
Current assets	\$ 19,246
Non-current assets	7,841
Current liabilities	12,579
Non-current liabilities	7,175
Stockholders' deficit	7,333
 <u>For the year ended December 29, 2007:</u>	
Net sales	\$ 15,626

Costs and expenses	(38,590)
Operating loss	(22,964)
Net loss	(24,077)

In accordance with the equity method of accounting, Cadence records its proportional share of the investees' gains or losses in Other income, net. Cadence records its interest in equity method gains and losses in the quarter following the quarter in which these gains or losses actually occur because it is not practicable to obtain investee financial statements prior to the issuance of Cadence's Consolidated Financial Statements. In addition, Cadence records impairment losses of equity method investments if an other-than-temporary decline in value exists. These

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write-downs are included in Other income, net, in the Consolidated Income Statements. Cadence's proportional share of its investees' net losses and impairment losses was as follows:

	2007	2006 (In thousands)	2005
Proportional share of equity method losses	\$ (3,027)	\$ (1,200)	\$ (6,492)
Impairments of equity method investments	----	----	(1,271)

As of December 29, 2007, the difference between the carrying value of Cadence's investments in these investee companies and Cadence's share of the underlying net assets of the investee companies was immaterial.

**NOTE 13. LEASE COMMITMENTS**

Equipment and facilities are leased under various operating leases expiring at various dates through the year 2025. Certain of these leases contain renewal options. Rental expense was \$34.6 million for 2007, \$30.5 million for 2006 and \$29.0 million for 2005.

As of December 29, 2007, future minimum lease payments under non-cancelable operating leases were as follows:

	Operating Leases	Sub-lease Income (In thousands)	Net Operating Leases
For the fiscal years:			
2008	\$ 42,219	\$ (2,849)	\$ 39,370
2009	27,310	(1,604)	25,706
2010	17,369	(483)	16,886
2011	11,201	(434)	10,767
2012	9,316	(146)	9,170
Thereafter	27,142	(182)	26,960
Total lease payments	\$ 134,557	\$ (5,698)	\$ 128,859

Of the \$128.9 million in net operating lease payments, \$10.2 million was accrued in restructuring expense prior to December 29, 2007 and will be charged against the restructuring accrual as paid.

**NOTE 14. CONTINGENCIES****Legal Proceedings**

From time to time, Cadence is involved in various disputes and litigation matters that arise in the ordinary course of business. These include disputes and lawsuits related to intellectual property, mergers and acquisitions, licensing, contracts, distribution arrangements and employee relations matters. At least quarterly, Cadence reviews the status of each significant matter and assesses its potential financial exposure. If the potential loss from any claim or legal proceeding is considered probable and the amount or the range of loss can be estimated, Cadence accrues a liability

for the estimated loss in accordance with SFAS No. 5, Accounting for Contingencies. Legal proceedings are subject to uncertainties, and the outcomes are difficult to predict. Because of such uncertainties, accruals are based only on the best information available at the time. As additional information becomes available, Cadence reassesses the potential liability related to pending claims and litigation matters and may revise estimates.

On February 8, 2007, Cadence, Magma Design Automation, Inc., or Magma, Altera Corp., or Altera, and Mentor Graphics Corp., or Mentor, filed a complaint in the United States District Court for the Northern District of California against an individual, Narpat Bhandari, or Bhandari, and Vanguard Systems, Inc., or Vanguard. The complaint sought a declaratory judgment that U.S. Patent No. 5,663,900, or the 900 Patent, which discloses an electronic simulation and emulation system and is allegedly owned by Bhandari and Vanguard, is not infringed and is invalid and unenforceable. The Complaint further sought a declaratory judgment that LSI Logic Corporation, or LSI, has an ownership interest in the 900 Patent that precludes Bhandari and Vanguard from asserting the patent without first joining LSI. In March 2007,

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Cadence, Magma, Altera and Mentor amended the complaint to further plead non-infringement on the basis of obtaining a license to the 900 Patent from its co-owner, LSI. In April 2007, Bhandari and Vanguard answered the amended complaint, asserting counterclaims alleging that certain products of Cadence and the other plaintiffs infringed the 900 Patent. In a case management conference held on May 21, 2007, the court granted the request of Cadence, Magma, Altera and Mentor to bifurcate the case and stay all issues except for the question of LSI's ownership interest in the 900 Patent. Cadence, Magma, Altera and Mentor filed a Motion for Summary Judgment that LSI was a joint-owner and that the license from LSI warranted dismissal of Bhandari and Vanguard's claim, which the court granted in favor of Cadence, Magma, Altera and Mentor. On December 4, 2007, the court issued an order entering judgment in favor of Cadence, Magma, Altera and Mentor and against Bhandari and Vanguard, thus bringing this matter to a close.

On May 30, 2007, Ahmed Higazi, a former Cadence employee, filed suit against Cadence in the United States District Court for the Northern District of California alleging that Cadence improperly classified him and a class of other Cadence information technology employees as exempt from overtime pay. The suit alleges claims for unpaid overtime under the federal Fair Labor Standards Act and California law, waiting-time penalties under the California Labor Code, failure to provide proper earnings statements under California law, failure to provide meal periods and rest breaks as required by California law, unfair business practices under California Business & Professions Code section 17200, and unpaid 401(k) contributions in violation of the Employee Retirement Income Security Act, or ERISA. On June 20, 2007, Cadence answered plaintiff's complaint, denying its material allegations and raising a number of affirmative defenses, and on December 19, 2007, Cadence filed an amended answer. A period of discovery conducted by both sides then ensued, followed, in January 2008, by a private mediation of the case. At the mediation, the parties were successful in resolving their respective differences, and have entered into a settlement agreement without contesting the merits of the claims or admitting liability. The parties are in the process of preparing the various papers for court approval of the settlement. Final approval is not expected to occur until the third quarter of 2008. Cadence has accrued for the expected settlement in its Consolidated Balance Sheet as of December 29, 2007.

While the outcome of these litigation matters cannot be predicted with any certainty, management does not believe that the outcome of any current matters will have a material adverse effect on Cadence's consolidated financial position, liquidity or results of operations.

## **Other Contingencies**

Cadence provides its customers with a warranty on sales of hardware products for a 90-day period. These warranties are accounted for in accordance with SFAS No. 5. To date, Cadence has not incurred any significant costs related to warranty obligations.

Cadence's product license and services agreements include a limited indemnification provision for claims from third parties relating to Cadence's intellectual property. Such indemnification provisions are accounted for in accordance with SFAS No. 5. The indemnification is generally limited to the amount paid by the customer. To date, claims under such indemnification provisions have not been significant.

## **NOTE 15. NET INCOME PER SHARE**

Basic net income per share is computed by dividing net income, the numerator, by the weighted average number of shares of common stock outstanding, less unvested restricted stock, the denominator, during the period. Diluted net income per share gives effect to equity instruments considered to be potential common shares, if dilutive, computed using the treasury stock method of accounting.

Cadence accounts for the effect of its 2023 Notes in the diluted earnings per share, or EPS, calculation using the if-converted method of accounting. Under that method, the 2023 Notes are assumed to be converted to shares (weighted for the number of days outstanding in the period) at a conversion price of \$15.65, and amortization of transaction fees, net of taxes, related to the 2023 Notes is added back to net income.

EITF No. 04-08 requires Cadence to include in diluted earnings per share the shares of Cadence's common stock into which the Convertible Senior Notes will be converted. However, since the Convertible Senior Notes meet the qualification of an Instrument C under EITF No. 90-19 and because cash will be paid for the principal amount of the obligation upon conversion, the only shares that will be considered for inclusion in diluted EPS are those relating to the excess of the conversion premium over the principal amount, using the if-converted method. As of December 29, 2007, no shares are included in diluted EPS for the Convertible Senior Notes.

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The calculations for basic and diluted net income per share for fiscal 2007, 2006 and 2005 are as follows:

	2007	2006	2005
	(In thousands, except per share amounts)		
Net income before cumulative effect of change in accounting principle	\$ 296,252	\$ 142,174	\$ 49,343
Effect of dilutive securities:			
Amortization of 2023 convertible notes transaction fees, net of tax	876	1,565	1,564
Net income before cumulative effect of change in accounting principle, as adjusted	\$ 297,128	\$ 143,739	\$ 50,907
Net income after cumulative effect of change in accounting principle	\$ 296,252	\$ 142,592	\$ 49,343
Effect of dilutive securities:			
Amortization of 2023 convertible notes transaction fees, net of tax	876	1,565	1,564
Net income after cumulative effect of change in accounting principle, as adjusted	\$ 297,128	\$ 144,157	\$ 50,907
<b>Weighted average common shares:</b>			
Weighted average common shares used to calculate basic net income per share	271,455	279,354	278,520
2023 Convertible notes	14,721	26,438	26,837
Options	7,485	4,699	7,483
Restricted stock and ESPP shares	1,930	1,966	1,543
Weighted average common and potential common shares used to calculate diluted net income per share	295,591	312,457	314,383
<b>Basic net income per share:</b>			
Net income per share before cumulative effect of change in accounting principle	\$ 1.09	\$ 0.51	\$ 0.18
Net income per share after cumulative effect of change in accounting principle	\$ 1.09	\$ 0.51	\$ 0.18
<b>Diluted net income per share:</b>			
Net income per share before cumulative effect of change in accounting principle	\$ 1.01	\$ 0.46	\$ 0.16
Net income per share after cumulative effect of change in accounting principle	\$ 1.01	\$ 0.46	\$ 0.16



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The following table presents the potential shares of Cadence common stock outstanding for fiscal years 2007, 2006 and 2005 which were not included in the computation of diluted net income per share because their effect would be antidilutive:

	2007	2006 (In thousands)	2005
Options to purchase shares of common stock (various expiration dates through 2017)	12,642	24,077	26,039
Warrants to purchase shares of common stock related to the Convertible Senior Notes (various expiration dates through 2014)	23,640	23,640	----
Warrants to purchase shares of common stock related to the 2023 Notes (various expiration dates through 2008)	14,717	14,717	26,829
Total potential common shares excluded	50,999	62,434	52,868

**NOTE 16. STOCK REPURCHASE PROGRAMS**

As of December 29, 2007, Cadence's Board of Directors had authorized the following programs to repurchase shares of Cadence's common stock in the open market:

Authorization Date	Amount (In thousands)	Remaining Authorization (In thousands)
August 2001	\$ 500,000	\$ ----
February 2006	500,000	----
December 2006	500,000	128,337

The table below presents the shares repurchased under Cadence's stock repurchase programs in fiscal 2007, 2006 and 2005:

	2007	2006 (In thousands)	2005
Shares repurchased	19,400	27,917	6,150
Total cost of repurchased shares	\$ 399,490	\$ 494,088	\$ 101,070

In February 2008, Cadence's Board of Directors authorized a new program to repurchase shares of Cadence's common stock in the open market with a value of up to an additional \$500.0 million in the aggregate.

**NOTE 17. OTHER COMPREHENSIVE INCOME (LOSS)**

Other comprehensive income (loss) includes foreign currency translation gains and losses and unrealized gains and losses on available-for-sale marketable securities, net of related tax effects. These items have been excluded from net

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income and are reflected instead in Stockholders' Equity. Cadence's comprehensive income in fiscal 2007, 2006 and 2005 was as follows:

	2007	2006 (In thousands)	2005
Net income	\$ 296,252	\$ 142,592	\$ 49,343
Foreign currency translation gain (loss)	13,477	(4,862)	(8,550)
Changes in unrealized holding gains (losses) on available-for-sale securities, net of reclassification adjustment for realized gains and related tax effects (Note 2)	(4,545)	(6,527)	1,020
Other	(1,159)	----	----
Comprehensive income	\$ 304,025	\$ 131,203	\$ 41,813

**Table of Contents****NOTE 18. EMPLOYEE AND DIRECTOR BENEFIT PLANS**

Cadence maintains a 401(k) savings plan to provide retirement benefits through tax-deferred salary deductions for all of its United States employees. Cadence may make discretionary contributions, as determined by the Board of Directors, which cannot exceed a specified percentage of the annual aggregate salaries of those employees eligible to participate. Cadence made total contributions to the plan of \$12.2 million in 2007, \$11.4 million in 2006 and \$10.8 million in 2005.

Executive Officers and Directors may also elect to defer compensation payable to them under Cadence's 1994 Nonqualified Deferred Compensation Plan. Deferred compensation payments are held in accounts with values indexed to the performance of selected mutual funds or money market accounts. These investments are classified as trading securities on Cadence's Consolidated Balance Sheets and gains and losses are recognized as income (expense) in the Consolidated Income Statements. Net recognized appreciation of trading securities in fiscal 2007, 2006 and 2005 was as follows:

	2007	2006 (In thousands)	2005
Trading Securities	\$ 7,088	\$ 3,701	\$ 6,599

**NOTE 19. STATEMENT OF CASH FLOWS**

The supplemental cash flow information for 2007, 2006 and 2005 is as follows:

	2007	2006 (In thousands)	2005
Cash Paid During the Year for:			
Interest	\$ 7,523	\$ 6,401	\$ 120
Income taxes, including foreign withholding tax	\$ 32,450	\$ 51,930	\$ 9,430
Non-Cash Investing and Financing Activities:			
Common and treasury stock issued and stock options assumed for acquisitions	\$ 1,841	\$ 2,594	\$ 11,883
Common and treasury stock issued for payment under a performance-based bonus plan	\$ 8,673	\$ 5,088	\$ ----
Unrealized gain (loss) of available-for-sale securities, net of taxes	\$ (4,545)	\$ (6,527)	\$ 1,020
Accrued payments for acquisition of intangibles	\$ 12,500	\$ ----	\$ ----

Cadence adopted FIN No. 48 on December 31, 2006, the first day of fiscal 2007. The cumulative effect of adopting FIN No. 48 was reported as an adjustment to the opening balance of retained earnings (or other appropriate components of equity or net assets) in the Consolidated Balance Sheet for fiscal 2007, which amounts were non-cash

items in Cadence's 2007 Statement of Cash Flows. See Note 8 above for the non-cash effects of this adoption.

**Table of Contents****NOTE 20. RESTRUCTURING AND OTHER CHARGES**

Cadence initiated a separate plan of restructuring in each year from 2001 through 2005 in an effort to operate more efficiently. The following table presents activity for the years ended December 29, 2007, December 30, 2006 and December 31, 2005 associated with Cadence's plans of restructuring.

	Severance and Benefits	Asset- Related	Excess Facilities	Total
	(In thousands)			
Balance, January 1, 2005	\$ 470	\$ 3,549	\$ 33,658	\$ 37,677
Restructuring and other charges, net	20,442	2,377	12,515	35,334
Non-cash charges (credits)	----	(2,182)	94	(2,088)
Cash payments	(20,586)	(3,694)	(9,181)	(33,461)
Effect of foreign currency translation	(224)	(50)	(2,280)	(2,554)
Balance, December 31, 2005	\$ 102	\$ ----	\$ 34,806	\$ 34,908
Restructuring and other charges (credits), net	(106)	----	(691)	(797)
Non-cash charges	----	----	194	194
Cash payments	(1)	----	(5,870)	(5,871)
Effect of foreign currency translation	5	----	2,861	2,866
Balance, December 30, 2006	\$ ----	\$ ----	\$ 31,300	\$ 31,300
Restructuring and other charges (credits), net	----	----	(9,686)	(9,686)
Non-cash charges	----	----	245	245
Cash payments	----	----	(12,373)	(12,373)
Effect of foreign currency translation	----	----	719	719
Balance, December 29, 2007	\$ ----	\$ ----	\$ 10,205	\$ 10,205

On October 5, 2007, Cadence completed a lease termination agreement for a facility included in the 2001 restructuring plan, whereby Cadence paid \$8.2 million and was released from all future obligations related to the facility. Cadence recorded a credit to Restructuring and other charges of \$7.1 million during the year ended December 29, 2007, representing the lease loss accrual related to this facility in excess of the amount paid.

During 2005, Cadence recorded Restructuring and other charges of \$35.3 million, which included \$20.4 million of workforce reduction costs associated primarily with its 2005 restructuring plan, and excess facility costs of \$12.5 million, which consisted primarily of changes in lease loss estimates for facilities included in its 2001, 2002 and 2003 restructuring plans.

Each reporting period, Cadence evaluates the adequacy of the lease loss accrual. Cadence adjusts the lease loss accrual for changes in real estate markets or other factors that may affect estimated costs or sublease income. Cadence also considers executed sublease agreements and adjusts the lease loss accrual if sublease income under the agreement differs from initial estimates. The credits recorded during the fiscal years 2007 and 2006 primarily relate to changes in lease loss estimates.

As of December 29, 2007, Cadence's total amount accrued for restructuring and other charges of \$10.2 million consisted solely of estimated lease losses related to the restructuring activities initiated since 2001. This amount may be adjusted in the future based upon changes in the assumptions used to estimate the lease loss. Of the \$10.2 million, \$2.5 million was included in Accounts payable and accrued liabilities and \$7.7 million was included in Other long-term liabilities.

**Table of Contents****NOTE 21. OTHER INCOME, NET**

Other income, net, for fiscal 2007, 2006 and 2005 was as follows:

	2007	2006 (In thousands)	2005
Interest income	\$ 48,118	\$ 39,288	\$ 15,606
Gains on sale of non-marketable securities (Note 12)	6,043	19,875	2,507
Gains on available-for-sale securities (Note 12)	4,404	6,667	9,191
Gains on securities in Cadence's non-qualified deferred compensation trust (Note 18)	7,643	6,361	6,599
Gains (losses) on foreign exchange	(2,420)	1,949	4,541
Equity loss from investments (Note 12)	(3,027)	(1,200)	(6,492)
Write-down of investments (Note 12)	(2,550)	(2,467)	(10,934)
Other income (expense)	319	(71)	(5,921)
Total other income, net	\$ 58,530	\$ 70,402	\$ 15,097

**NOTE 22. SEGMENT REPORTING**

SFAS No. 131, "Disclosures about Segments of an Enterprise and Related Information," requires disclosures of certain information regarding operating segments, products and services, geographic areas of operation and major customers. SFAS No. 131 reporting is based upon the management approach: how management organizes the company's operating segments for which separate financial information is (i) available and (ii) evaluated regularly by the chief operating decision maker in deciding how to allocate resources and in assessing performance. Cadence's chief operating decision maker is its President and Chief Executive Officer, or CEO.

Cadence's CEO reviews Cadence's consolidated results within one operating segment. In making operating decisions, the CEO primarily considers consolidated financial information, accompanied by disaggregated information about revenues by geographic region.

Outside the United States, Cadence markets and supports its products and services primarily through its subsidiaries. Revenue is attributed to geography based on the country in which the product is used or services are delivered. Long-lived assets are attributed to geography based on the country where the assets are located.

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The following tables present a summary of revenue by geography in fiscal 2007, 2006 and 2005:

	2007	2006 (In thousands)	2005
Americas:			
United States	\$ 741,904	\$ 765,120	\$ 613,186
Other Americas	34,828	31,255	20,335
Total Americas	776,732	796,375	633,521
Europe, Middle East and Africa:			
Germany	63,847	88,198	72,548
Other Europe, Middle East, and Africa	233,037	196,199	172,443
Total Europe, Middle East, and Africa	296,884	284,397	244,991
Japan and Asia:			
Japan	342,634	247,886	333,233
Asia	198,763	155,237	117,447
Total Japan and Asia	541,397	403,123	450,680
Total	\$ 1,615,013	\$ 1,483,895	\$ 1,329,192

No one customer accounted for 10% or more of total revenue in fiscal 2007, 2006 or 2005.

As of December 29, 2007, one customer accounted for 11% and one customer accounted for 10% of Cadence's Receivables, net and Installment contract receivables. As of December 30, 2006, one customer accounted for 22% and one customer accounted for 13% of Cadence's Receivables, net and Installment contract receivables.

The following tables present a summary of long-lived assets by geography as of December 29, 2007, December 30, 2006, and December 31, 2005:

	2007	2006 (In thousands)	2005
Americas:			
United States	\$ 303,347	\$ 325,076	\$ 331,229
Other Americas	67	108	227
Total Americas	303,414	325,184	331,456
Europe, Middle East and Africa:			
Germany	1,269	1,163	752
Other Europe, Middle East, and Africa	7,733	8,026	7,739



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Total Europe, Middle East, and Africa	9,002	9,189	8,491
Japan and Asia:			
Japan	1,070	797	2,193
Asia	25,977	19,405	14,805
Total Japan and Asia	27,047	20,202	16,998
Total	\$ 339,463	\$ 354,575	\$ 356,945

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**CADENCE DESIGN SYSTEMS, INC.**  
**VALUATION AND QUALIFYING ACCOUNTS AND RESERVES**  
(In thousands)

**Schedule II**

Description	Balance at Beginning of Period	Charged to (Credited) Costs and Expenses	Addition Charged (Credited) to Other Accounts(1)	Deductions(2)	Balance at End of Period
Deducted from asset accounts:					
Provisions for losses on trade					
accounts receivable and sales					
returns:					
Year Ended December 29, 2007:					
Bad debt allowance	\$ 2,067	\$ (655)	\$ ----	\$ (323)	\$ 1,089
Sales return allowance	1,737	----	69	----	1,806
Total	\$ 3,804	\$ (655)	\$ 69	\$ (323)	\$ 2,895
Year Ended December 30, 2006:					
Bad debt allowance	\$ 6,896	\$ (4,431)	\$ ----	\$ (398)	\$ 2,067
Sales return allowance	4,083	----	(2,346)	----	1,737
Total	\$ 10,979	\$ (4,431)	\$ (2,346)	\$ (398)	\$ 3,804
Year Ended December 31, 2005:					
Bad debt allowance	\$ 8,151	\$ (647)	\$ ----	\$ (608)	\$ 6,896
Sales return allowance	4,583	----	(500)	----	4,083
Total	\$ 12,734	\$ (647)	\$ (500)	\$ (608)	\$ 10,979

(1) Sales returns offset against revenue and bad debt allowance from acquisitions.

(2) Uncollectible accounts written-off, net of recoveries and sales returns.

**Table of Contents****(a) 3. Exhibits:**

The following exhibits are filed with this Annual Report on Form 10-K:

Exhibit Number	Exhibit Title
3.01	(a) The Registrant's Restated Certificate of Incorporation as filed with the Secretary of State of the State of Delaware on May 13, 1998 (Incorporated by reference to Exhibit 3.01(j) to the Registrant's Form 10-Q (File No. 1-10606) for the quarter ended July 4, 1998). (b) The Registrant's Certificate of Designation of Series A Junior Participating Preferred Stock, as amended on February 1, 2000, as filed with the Secretary of State of the State of Delaware on June 8, 1989 (Incorporated by reference to Exhibit 3A to the Registrant's Current Report on Form 8-K (File No. 0-15867) filed on June 12, 1989 and amended by Exhibit 4.02 to the Registrant's Form 10-K (File No. 1-10606) for the fiscal year ended January 1, 2000 (the 1999 Form 10-K)).
3.02	The Registrant's Amended and Restated Bylaws, as currently in effect (Incorporated by reference to Exhibit 3.02 to the Registrant's Form 10-Q for the quarter ended March 29, 2003 (the 2003 First Quarter Form 10-Q)).
4.01	Specimen Certificate of the Registrant's Common Stock (Incorporated by reference to Exhibit 4.01 to the Registrant's Form S-4 Registration Statement (File No. 33-43400) filed on October 17, 1991).
4.02	Indenture dated as of August 15, 2003 by and between the Registrant and J.P. Morgan Trust Company, National Association as Trustee, including form of Zero Coupon Zero Yield Senior Convertible Notes Due 2023 (Incorporated by reference to Exhibit 4.1 to the Registrant's Form 10-Q for the quarter ended September 27, 2003 (the 2003 Third Quarter Form 10-Q)).
4.03	Indenture dated as of December 19, 2006 by and between the Registrant and Deutsche Bank Trust Company Americas as Trustee, including form of 1.375% Convertible Senior Notes Due 2011 (Incorporated by reference to Exhibit 4.03 to the Registrant's Form 10-K for the fiscal year ended December 30, 2006 (the 2006 Form 10-K)).
4.04	Indenture dated as of December 19, 2006 by and between the Registrant and Deutsche Bank Trust Company Americas as Trustee, including form of 1.500% Convertible Senior Notes Due 2013 (Incorporated by reference to Exhibit 4.04 to the 2006 Form 10-K).
4.05	Registration Rights Agreement dated as of December 19, 2006 by and between the Registrant and Merrill Lynch, Fenner & Smith Incorporated, Morgan Stanley & Co. Incorporated and J.P. Morgan Securities Inc. as representatives of the initial purchasers named therein (Incorporated by reference to Exhibit 4.05 to the 2006 Form 10-K).
*10.01	The Registrant's 1987 Stock Incentive Plan, as amended and restated (Incorporated by reference to Exhibit 10.01 to the Registrant's Form 10-Q for the quarter ended September 29, 2007 (the 2007 Third Quarter Form 10-Q)).
*10.02	Form of Stock Option Agreement and Form of Stock Option Exercise Request, as currently in effect under the Registrant's 1987 Stock Incentive Plan, as amended and restated (Incorporated by reference to Exhibit 10.02 to the Registrant's Form 10-Q for the quarter ended July 3, 2004 (the 2004 Second Quarter Form 10-Q)).
*10.03	Form of Nonstatutory Incentive Stock Award Agreement as currently in effect under the Registrant's 1987 Stock Incentive Plan, as amended and restated (Incorporated by reference to Exhibit 10.03 to the Registrant's Form 10-K for the fiscal year ended January 1, 2005 (the 2004 Form 10-K)).
*10.04	Form of Incentive Stock Award Agreement for performance-based Incentive Stock Awards as currently in effect under the Cadence Design Systems, Inc. 1987 Stock Incentive Plan, as amended

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- and restated (Incorporated by reference to Exhibit 10.1 to the Registrant's Current Report on Form 8-K filed on February 13, 2006).
- 10.05 JTA Research Inc. 1998 Stock Option Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-85080) filed on March 28, 2002).

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Exhibit Number	Exhibit Title
*10.07	The Registrant's 1995 Directors Stock Option Plan (Incorporated by reference to Exhibit 10.07 to the 2006 Form 10-K)).
*10.08	The Registrant's Amended and Restated Employee Stock Purchase Plan (Incorporated by reference to Appendix C to the Registrant's Definitive Proxy Statement filed on April 3, 2006).
*10.09	The Registrant's amended and restated Senior Executive Bonus Plan (Incorporated by reference to Appendix B to the Registrant's Definitive Proxy Statement filed on April 3, 2006).
*10.10	The Registrant's 1994 Deferred Compensation Plan, as amended and restated effective November 1, 2002, as amended and restated.
*10.11	The Registrant's 1996 Deferred Compensation Venture Investment Plan, as amended and restated effective January 1, 2001 (Incorporated by reference to Exhibit 10.09 to the Registrant's Form 10-K for the fiscal year ended December 29, 2001 (the "2001 Form 10-K")).
10.12	The Registrant's 1993 Non-Statutory Stock Incentive Plan, as amended and restated (Incorporated by reference to Exhibit 10.02 to the 2007 Third Quarter Form 10-Q).
*10.13	The Registrant's 2009 Deferred Compensation Plan.
10.14	Plato Design Systems Incorporated 2002 Supplemental Stock Option Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-87674) filed on May 7, 2002).
10.15	Distribution Agreement, dated as of April 28, 1997 by and among Cadence Design Systems (Ireland) Ltd., Cadence Design Systems K.K. and Cadence Design Systems (Japan) B.V. (Incorporated by reference to Exhibit 10.48 to the Registrant's Form 10-Q (File No. 1-10606) for the quarter ended June 28, 1997).
*10.17	Amended and Restated Residential Lease, effective as of February 21, 2007, between 849 College Avenue, Inc., a subsidiary of the Registrant, and Kevin and Elizabeth Bushby (Incorporated by reference to Exhibit 10.17 to the 2006 Form 10-K).
10.18	Verplex Systems, Inc. 1998 Stock Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-108251) filed on August 27, 2003).
10.19	Get2Chip.Com, Inc. 1997 Stock Option Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-104720) filed on April 24, 2003 (the "April 2003 Form S-8")).
10.20	Get2Chip.Com, Inc. 2001 Stock Plan (Incorporated by reference to Exhibit 99.2 to the April 2003 Form S-8).
*10.21	Description of Director Health Care Benefits (Incorporated by reference to Exhibit 10.1 to the Registrant's Current Report on Form 8-K filed on February 11, 2005).
10.22	Neoliner, Inc. 2004 Stock Option Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-115351) filed on May 10, 2004).
10.23	QDA, Inc. 2003 Stock Option/Stock Issuance Plan (Incorporated by reference to Exhibit 10.23 to the Registrant's Form 10-K for the fiscal year ended January 3, 2004 (the "2003 Form 10-K")).
*10.27	Consulting Agreement between the Registrant and Alberto Sangiovanni-Vincentelli, entered into on August 17, 2005 (Incorporated by reference to Exhibit 10.1 to the Registrant's Current Report on Form 8-K filed on August 19, 2005).
*10.28	Schedule 3 to Consulting Agreement between the Registrant and Alberto Sangiovanni-Vincentelli, entered into on August 17, effective as of June 1, 2007 (Incorporated by reference to Exhibit 10.02 to the Registrant's Form 10-Q for the quarter ended June 20, 2007 (the "2007 Second Quarter Form 10-Q")).



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Exhibit Number	Exhibit Title
10.29	Design Acceleration, Inc. 1994 Stock Plan (Incorporated by reference to Exhibit 99 to the Registrant's Form S-8 Registration Statement (File No. 333-71717) filed on February 3, 1999).
10.30	Quickturn Design Systems, Inc. 1988 Stock Option Plan, as amended (Incorporated by reference to Exhibit 99.1 to the Registrant's Post-Effective Amendment No. 1 on Form S-8 to S-4 Registration Statement (File No. 333-69589) filed on June 7, 1999 (the June 1999 Form S-8)).
10.31	Ambit Design Systems, Inc. 1994 Incentive Stock Option Plan (Incorporated by reference to Exhibit 10.30 to the 2003 Form 10-K).
10.32	Ambit Design Systems, Inc. 1996 Incentive Stock Option Plan (Incorporated by reference to Exhibit 10.31 to the 2003 Form 10-K).
*10.33	The Registrant's 2002 Deferred Compensation Venture Investment Plan, as amended (Incorporated by reference to Exhibit 10.32 to the 2004 Second Quarter Form 10-Q).
10.34	eTop Design Technology, Inc. 2000 Stock Incentive Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-119335) filed on September 28, 2004).
10.35	Quickturn Design Systems, Inc. 1996 Supplemental Stock Plan (Incorporated by reference to Exhibit 99.5 to the June 1999 Form S-8).
10.36	Quickturn Design Systems, Inc. 1997 Stock Option Plan (Incorporated by reference to Exhibit 99.6 to the June 1999 Form S-8).
*10.37	Executive Release and Transition Agreement between the Registrant and Moshe Gavrielov, effective September 18, 2007 (Incorporated by reference to Exhibit 10.1 to the Registrant's Current Report on Form 8-K filed on September 13, 2007).
10.38	OrCAD, Inc. 1995 Stock Option Plan (Incorporated by reference to Exhibit 99.2 to the Registrant's Form S-8 Registration Statement (File No. 333-85591) filed on August 19, 1999).
*10.39	Employment Agreement, effective as of May 12, 2004, between the Registrant and Michael J. Fister (Incorporated by reference to Exhibit 10.78 to the 2004 Second Quarter Form 10-Q).
*10.40	Amendment to Employment Agreement, dated as of May 17, 2005, between the Registrant and Michael J. Fister (Incorporated by reference to Exhibit 10.1 to the Registrant's Current Report on Form 8-K filed on May 23, 2005).
*10.41	Second Amendment to Employment Agreement, dated as of May 15, 2007, between the Registrant and Michael J. Fister (Incorporated by reference to Exhibit 10.1 to the Registrant's Current Report on Form 8-K filed on May 15, 2007).
*10.42	Third Amendment to Employment Agreement, dated as of December 21, 2007, between the Registrant and Michael J. Fister (Incorporated by reference to Exhibit 10.1 to the Registrant's Current Report on Form 8-K filed on December 21, 2007).
10.43	Diablo Research Company LLC 1997 Stock Option Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-93609) filed on December 27, 1999 (the December 1999 Form S-8)).
10.44	The Registrant's 2000 Nonstatutory Equity Incentive Plan, as amended and restated (Incorporated by reference to Exhibit 10.04 to the 2007 Third Quarter Form 10-Q).
*10.45	Form of Indemnity Agreement between the Registrant and its directors and executive officers (Incorporated by reference to Exhibit 10.01 to the 2000 Second Quarter Form 10-Q).
*10.46	Employment Agreement, effective as of May 26, 2004, between the Registrant and Kevin Bushby (Incorporated by reference to Exhibit 10.80 to the 2004 Second Quarter Form 10-Q).
*10.47	Employment Agreement, effective as of May 18, 2004, between the Registrant and R.L. Smith McKeithen (Incorporated by reference to Exhibit 10.81 to the 2004 Second Quarter Form 10-Q).





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Exhibit Number	Exhibit Title
10.48	The Registrant's 1997 Nonstatutory Stock Incentive Plan, as amended and restated (Incorporated by reference to Exhibit 10.03 to the 2007 Third Quarter Form 10-Q).
10.49	Simplex Solutions, Inc. 1995 Stock Plan, as amended (Incorporated by reference to Exhibit 99.1 to the Registrant's Post-Effective Amendment No. 1 on Form S-8 to Form S-4 Registration Statement (File No. 333-88390) filed on July 3, 2002 (the July 2002 Form S-8)).
10.50	Simplex Solutions, Inc. 2001 Incentive Stock Plan (Incorporated by reference to Exhibit 99.2 to the July 2002 Form S-8).
10.51	Simplex Solutions, Inc. 2002 Nonstatutory Stock Option Plan (Incorporated by reference to Exhibit 99.3 to the July 2002 Form S-8).
10.52	Altius Solutions, Inc. 1999 Stock Plan (Incorporated by reference to Exhibit 99.4 to the July 2002 Form S-8).
*10.53	Employment Agreement, effective as of January 1, 2005, between the Registrant and William Porter (Incorporated by reference to Exhibit 10.1 to the Registrant's Current Report on Form 8-K filed on December 30, 2004).
*10.54	Summary of Non-Employee Director Compensation (Incorporated by reference to Exhibit 10.01 to the 2007 Second Quarter Form 10-Q).
*10.55	Summary of Non-Employee Director Cash Compensation (Incorporated by reference to Exhibit 10.2 to the Registrant's Current Report on Form 8-K filed on August 19, 2005).
10.56	Term Facility Agreement, dated as of December 19, 2005, among Castlewilder, as borrower, Bank of America, N.A., as Administrative Agent, Banc of America Securities LLC, as lead arranger and the lender parties to the Term Facility Agreement (Incorporated by reference to Exhibit 10.1 to the Registrant's Current Report on Form 8-K filed on December 21, 2005 (the December 2005 Form 8-K)).
10.57	Guaranty, dated as of December 19, 2005, made by the Registrant in favor of Bank of America, N.A. as the Administrative Agent and the lender parties thereto (Incorporated by reference to Exhibit 10.2 to the December 2005 Form 8-K).
10.58	Guaranty, dated as of December 19, 2005, made by Cadence Technology Limited in favor of Bank of America, N.A. as the Administrative Agent and the lender parties to the Term Facility Agreement (Incorporated by reference to Exhibit 10.3 to the December 2005 Form 8-K).
*10.59	Employment Agreement, effective as of February 15, 2007, between the Registrant and James Miller (Incorporated by reference to Exhibit 10.1 to the Registrant's Current Report on Form 8-K filed on February 22, 2007).
10.61	CadMOS Design Technology, Inc. 1997 Stock Option Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-56898) filed on March 12, 2001 (the March 2001 Form S-8)).
10.62	CadMOS Design Technology, Inc. Supplemental 2001 Stock Option Plan (Incorporated by reference to Exhibit 99.2 to the March 2001 Form S-8).
10.63	DSM Technologies, Inc. 2000 Stock Option Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-82044) filed on February 4, 2002).
10.64	Silicon Perspective Corporation 1997 Stock Option Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-75874) filed on December 21, 2001).
10.65	The Registrant's SPC Plan, effective December 20, 2001 (Incorporated by reference to Exhibit 10.65 to the 2001 Form 10-K).



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Exhibit Number	Exhibit Title
10.68	BTA Technology, Inc. 1995 Stock Option Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-102648) filed on January 22, 2003 (the January 2003 Form S-8)).
10.69	BTA-Ultima, Inc. 1995 Stock Option Plan (Incorporated by reference to Exhibit 99.2 to the January 2003 Form S-8).
10.70	BTA Technology, Inc. 1999 Stock Option Plan (Incorporated by reference to Exhibit 99.3 to the January 2003 Form S-8).
10.71	Celestry Design Technologies, Inc. 2001 Stock Option Plan (Incorporated by reference to Exhibit 99.4 to the January 2003 Form S-8).
10.72	Celestry Design Technologies, Inc. 2001 Executive Stock Plan (Incorporated by reference to Exhibit 99.5 to the January 2003 Form S-8).
10.73	Hedge Side Letter, dated as of August 10, 2003, by and between the Registrant and J.P. Morgan Securities Inc., as agent for JPMorgan Chase Bank (Incorporated by reference to Exhibit 10.73 to the 2003 Form 10-K).
10.74	Warrant Transaction Confirmation, dated August 11, 2003, between the Registrant and J.P. Morgan Securities Inc., as agent for JPMorgan Chase Bank (Incorporated by reference to Exhibit 10.74 to the 2003 Form 10-K).
10.75	Call Option Transaction Confirmation, dated August 11, 2003, between the Registrant and J.P. Morgan Securities Inc., as agent for JPMorgan Chase Bank (Incorporated by reference to Exhibit 10.75 to the 2003 Form 10-K).
10.76	Warrant Transaction Confirmation, dated August 27, 2003, between the Registrant and J.P. Morgan Securities Inc., as agent for JPMorgan Chase Bank (Incorporated by reference to Exhibit 10.76 to the 2003 Form 10-K).
10.77	Call Option Transaction Confirmation, dated August 27, 2003, between the Registrant and J.P. Morgan Securities Inc., as agent for JPMorgan Chase Bank (Incorporated by reference to Exhibit 10.77 to the 2003 Form 10-K).
10.78	Amended and Restated Verisity Ltd. 2000 U.S. Share Incentive Plan (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-124025) filed on April 12, 2005 (the April 2005 Form S-8)).
10.79	Verisity Ltd. 1999 Israeli Share Option Plan (Incorporated by reference to Exhibit 99.2 to the April 2005 Form S-8).
10.80	Verisity Ltd. 1997 Israel Share and Stock Option Incentive Plan (Incorporated by reference to Exhibit 99.3 to the April 2005 Form S-8).
10.81	Verisity Ltd. 1996 U.S. Stock Option Plan (as amended on October 28, 1999) (Incorporated by reference to Exhibit 99.4 to the April 2005 Form S-8).
10.82	Verisity Ltd. 2000 Israeli Share Option Plan, as amended (Incorporated by reference to Exhibit 99.5 to the April 2005 Form S-8).
10.83	Amended and Restated Axis Systems Inc. 1997 Stock Plan (Incorporated by reference to Exhibit 99.6 to the April 2005 Form S-8).
10.84	Convertible Note Hedge Side Letter, dated as of December 14, 2006, between the Registrant and Morgan Stanley Bank, as agent for Morgan Stanley & Co. International Limited, for the Registrant's Convertible Senior Notes due December 15, 2011 (Incorporated by reference to Exhibit 10.84 to the 2006 Form 10-K).



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Exhibit Number	Exhibit Title
10.85	Convertible Note Hedge Side Letter, dated as of December 14, 2006, between the Registrant and Morgan Stanley Bank, as agent for Morgan Stanley & Co. International Limited, for the Registrant's Convertible Senior Notes due December 15, 2013 (Incorporated by reference to Exhibit 10.85 to the 2006 Form 10-K).
10.86	Warrant Transaction Confirmation, dated December 14, 2006, between the Registrant and Morgan Stanley Bank, as agent for Morgan Stanley & Co. International Limited (Incorporated by reference to Exhibit 10.86 to the 2006 Form 10-K).
10.87	Warrant Transaction Confirmation, dated December 14, 2006, between the Registrant and Morgan Stanley Bank, as agent for Morgan Stanley & Co. International Limited (Incorporated by reference to Exhibit 10.87 to the 2006 Form 10-K).
10.88	Convertible Note Hedge Side Letter, dated December 14, 2006, between the Registrant and J.P. Morgan Securities Inc., as agent for JPMorgan Chase Bank, National Association, for the Registrant's Convertible Senior Notes due December 15, 2011 (Incorporated by reference to Exhibit 10.88 to the 2006 Form 10-K).
10.89	Convertible Note Hedge Side Letter, dated December 14, 2006, between the Registrant and J.P. Morgan Securities Inc., as agent for JPMorgan Chase Bank, National Association, for the Registrant's Convertible Senior Notes due December 15, 2013 (Incorporated by reference to Exhibit 10.89 to the 2006 Form 10-K).
10.90	Warrant Transaction Confirmation, dated December 14, 2006, between the Registrant and J.P. Morgan Securities Inc., as agent for JPMorgan Chase Bank, National Association (Incorporated by reference to Exhibit 10.90 to the 2006 Form 10-K).
10.91	Warrant Transaction Confirmation, dated December 14, 2006, between the Registrant and J.P. Morgan Securities Inc., as agent for JPMorgan Chase Bank, National Association (Incorporated by reference to Exhibit 10.91 to the 2006 Form 10-K).
10.92	Convertible Note Hedge Side Letter, dated December 14, 2006, between the Registrant and Merrill Lynch, Pierce, Fenner & Smith Incorporated, as agent for Merrill Lynch International, for the Registrant's Convertible Senior Notes due December 15, 2011 (Incorporated by reference to Exhibit 10.92 to the 2006 Form 10-K).
10.93	Convertible Note Hedge Side Letter, dated December 14, 2006, between the Registrant and Merrill Lynch, Pierce, Fenner & Smith Incorporated, as agent for Merrill Lynch International, for the Registrant's Convertible Senior Notes due December 15, 2013 (Incorporated by reference to Exhibit 10.93 to the 2006 Form 10-K).
10.94	Warrant Transaction Confirmation, dated December 14, 2006, between the Registrant and Merrill Lynch, Pierce, Fenner & Smith Incorporated, as agent for Merrill Lynch International (Incorporated by reference to Exhibit 10.94 to the 2006 Form 10-K).
10.95	Warrant Transaction Confirmation, dated December 14, 2006, between the Registrant and Merrill Lynch, Pierce, Fenner & Smith Incorporated, as agent for Merrill Lynch International (Incorporated by reference to Exhibit 10.95 to the 2006 Form 10-K).
10.96	Clear Shape Technologies, Inc. 2004 Equity Incentive Award Plan, as amended (Incorporated by reference to Exhibit 99.1 to the Registrant's Form S-8 Registration Statement (File No. 333-145891) filed on September 5, 2007).
21.01	Subsidiaries of the Registrant.
23.01	Independent Registered Public Accounting Firm's Consent.
31.01	Certification of the Registrant's Chief Executive Officer, Michael J. Fister, pursuant to Rule 13a-14 of the Securities Exchange Act of 1934.



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Exhibit Number	Exhibit Title
31.02	Certification of the Registrant's Chief Financial Officer, William Porter, pursuant to Rule 13a-14 of the Securities Exchange Act of 1934.
32.01	Certification of the Registrant's Chief Executive Officer, Michael J. Fister, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
32.02	Certification of the Registrant's Chief Financial Officer, William Porter, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.

\* Management contract or compensatory plan or arrangement covering executive officers or directors of the Registrant.

(b) *Exhibits:*

Cadence hereby files as part of this Form 10-K the Exhibits listed in Item 15. (a) 3 above.

(c) *Financial Statement Schedule:*

See Item 15. (a) 2 of this Form 10-K.

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**SIGNATURES**

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

CADENCE DESIGN SYSTEMS, INC.

/s/ Michael J. Fister

Michael J. Fister  
*President, Chief Executive Officer and Director*  
Dated: February 25, 2008

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

NAME/TITLE	DATE
/s/ Michael J. Fister	February 25, 2008
Michael J. Fister <i>President, Chief Executive Officer and Director</i> <i>(Principal Executive Officer)</i>	
/s/ William Porter	February 25, 2008
William Porter <i>Executive Vice President and Chief Financial Officer</i> <i>(Principal Financial Officer and Principal Accounting Officer)</i>	



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**POWER OF ATTORNEY**

KNOW ALL PERSONS BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints Michael J. Fister, William Porter and R. L. Smith McKeithen, and each of them, as his or her true and lawful attorneys-in-fact and agents, with full power of substitution and resubstitution, for him or her and in his or her name, place and stead, in any and all capacities, to sign any and all amendments (including post-effective amendments) to this Report on Form 10-K, and to file the same, with all exhibits thereto, and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done in connection therewith, as fully to all intents and purposes as he or she might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents, or any of them, or their or his or her substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated:

**ADDITIONAL DIRECTORS**

/s/ Dr. John B. Shoven February 25, 2008

Dr. John B. Shoven, Chairman of the Board of Directors

/s/ Donald L. Lucas February 25, 2008

Donald L. Lucas, Director

/s/ Dr. Alberto Sangiovanni-Vincentelli February 25, 2008

Dr. Alberto Sangiovanni-Vincentelli, Director

/s/ George M. Scalise February 25, 2008

George M. Scalise, Director

/s/ Roger Siboni February 25, 2008

Roger Siboni, Director

/s/ John A. C. Swainson February 25, 2008

John A. C. Swainson, Director

/s/ Lip-Bu Tan February 25, 2008

Lip-Bu Tan, Director