ADVANCED SEMICONDUCTOR ENGINEERING INC Form 6-K July 29, 2016

#### FORM 6-K

## SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Report of Foreign Private Issuer

Pursuant to Rule 13a-16 or 15d-16 of the Securities Exchange Act of 1934

July 29, 2016

Commission File Number 001-16125

#### Advanced Semiconductor Engineering, Inc.

(Exact name of Registrant as specified in its charter)

26 Chin Third Road
Nantze Export Processing Zone
Kaoshiung, Taiwan
Republic of China
(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Note: Regulation S-T Rule 101(b)(1) only permits the submission in paper of a Form 6-K if submitted solely to provide an attached annual report to security holders.

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Note: Regulation S-T Rule 101(b)(7) only permits the submission in paper of a Form 6-K if submitted to furnish a report or other document that the registrant foreign private issuer must furnish and make public under the laws of the jurisdiction in which the registrant is incorporated, domiciled or legally organized (the registrant's "home country"), or under the rules of the home country exchange on which the registrant's securities are traded, as long as the report or other document is not a press release, is not required to be and has not been distributed to the registrant's security holders, and, if discussing a material event, has already been the subject of a Form 6-K submission or other Commission filing on EDGAR.

Indicate by check mark whether by furnishing the information contained in this Form, the registrant is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes No

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b):

Not applicable

#### Signatures

Pursuant to the requirements 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.

ADVANCED SEMICONDUCTOR ENGINEERING, INC.

Date: July 29, 2016 By: /s/ Joseph Tung

Name: Joseph Tung

Title: Chief Financial Officer

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#### FOR IMMEDIATE RELEASE

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ADVANCED SEMICONDUCTOR ENGINEERING, INC. REPORTS UNAUDITED CONSOLIDATED FINANCIAL RESULTS FOR THE SECOND QUARTER OF 2016

Taipei, Taiwan, R.O.C., July 29, 2016 – Advanced Semiconductor Engineering, Inc. (TAIEX: 2311, NYSE: ASX) ("We", "ASE", or the "Company"), among the leading providers of packaging and testing services, today reported unaudited net revenues 1 of NT\$62,601 million for the second quarter of 2016 (2Q16), down by 11% year-over-year and up by 0.4% sequentially. Net income attributable to shareholders of the parent for the quarter totaled NT\$4,679 million, up from a net income attributable to shareholders of the parent of NT\$3,652 million in 2Q15 and up from a net income attributable to shareholders of the parent of NT\$4,163 million in 1Q16. Basic earnings per share for the quarter were NT\$0.61 (or US\$0.094 per ADS), compared to basic earnings per share of NT\$0.48 for 2Q15 and NT\$0.54 for 1Q16. Diluted earnings per share for the quarter were NT\$0.51 (or US\$0.079 per ADS), compared to diluted earnings per share of NT\$0.43 for 2Q15 and 1Q16.

**RESULTS OF OPERATIONS** 

2016 Results Highlights - Consolidated

1Net revenue contribution from packaging operations, testing operations, EMS operations, substrates sold to third parties and others, each represented approximately 48%, 10%, 40%, 1% and 1%, respectively, of total net revenues

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- 1 Cost of revenue was NT\$50,346 million for the quarter, down from NT\$50,922 million in 1Q16.
- Raw material cost totaled NT\$27,293 million during the quarter, representing 44% of total net revenues.
  - Labor cost totaled NT\$8,678 million during the quarter, representing 14% of total net revenues.
  - Depreciation, amortization and rental expenses totaled NT\$6,996 million during the quarter.
    - Gross margin increased 1.2 percentage points to 19.6% in 2Q16 from 18.4% in 1Q16.
      - Operating margin was 9.5% in 2Q16 compared to 8.3% in 1Q16.

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In terms of non-operating items:

<sup>&</sup>lt;sup>1</sup> All financial information presented in this press release is unaudited, consolidated and prepared in accordance with Taiwan-IFRS (International Financial Reporting Standards as endorsed for use in the R.O.C.). Such financial information is generated internally by us, and has not been subjected to the same review and scrutiny, including internal auditing procedures and audit by our independent auditors, to which we subject our audited consolidated financial statements, and may vary materially from the audited consolidated financial information for the same period. Any evaluation of the financial information presented in this press release should also take into account our published audited consolidated financial statements and the notes to those statements. In addition, the financial information presented is not necessarily indicative of our results of operations for any future period.

#### Advanced Semiconductor Engineering, Inc.

- Net interest expense was NT\$532 million.

Net foreign exchange loss of NT\$238 million was primarily attributable to the appreciation of the U.S. dollar against the NT dollar.

- Gain on valuation of financial assets and liabilities was NT\$858 million.
- Net gain on equity-method investments was NT\$892 million, including NT\$934 million of the share of profit from our investment in Siliconware Precision Industries Co., Ltd.

Other net non-operating loss of NT\$438 million was primarily related to miscellaneous loss. Total non-operating income for the quarter were NT\$542 million.

1 Income before tax was NT\$6,473 million for 2Q16, compared to NT\$5,656 million in 1Q16. We recorded income tax expenses of NT\$1,523 million during the quarter, compared to NT\$1,318 million in 1Q16.

In 2Q16, net income attributable to shareholders of the parent was NT\$4,679 million, compared to net income lattributable to shareholders of the parent of NT\$3,652 million for 2Q15 and net income attributable to shareholders of the parent of NT\$4,163 million for 1Q16.

Our total number of shares outstanding at the end of the quarter was 7,923,622,596, including treasury stock owned by our subsidiaries. Our 2Q16 basic earnings per share of NT\$0.61 (or US\$0.094 per ADS) were based on 17,657,902,937 weighted average number of shares outstanding in 2Q16. Our 2Q16 diluted earnings per share of NT\$0.51 (or US\$0.079 per ADS) were based on 8,238,395,704 weighted average number of shares outstanding in 2Q16.

#### 2016 Results Highlights – IC ATM

- 1 Cost of revenues was NT\$28,943 million for the quarter, up by 4% sequentially.
- Raw material cost totaled NT\$8,458 million during the quarter, representing 22% of total net revenues.
  - Labor cost totaled NT\$7,478 million during the quarter, representing 19% of total net revenues.
    - Depreciation, amortization and rental expenses totaled NT\$6,383 million during the quarter.
      - Gross margin increased 2.8 percentage points to 24.8% in 2Q16 from 22.0% in 1Q16.
        - Operating margin was 12.9% in 2Q16 compared to 9.1% in 1Q16.

#### 2Q16 Results Highlights - EMS

- 1 Cost of revenues for the quarter was NT\$22,326 million, down by 2% sequentially.
- Raw material cost totaled NT\$18,879 million during the quarter, representing 76% of total net revenues.
  - Labor cost totaled NT\$1,199 million during the quarter, representing 5% of total net revenues.
  - Depreciation, amortization and rental expenses totaled NT\$651 million during the quarter.
    - Gross margin increased to 10.3% in 2Q16 from 8.1% in 1Q16.
    - Operating margin increased to 3.3% in 2Q16 from 1.5% in 1Q16.

#### LIQUIdiTY AND CAPITAL RESOURCES

l Capital expenditures in 2Q16 totaled US\$257 million, of which US\$136 million were used for packaging, US\$107 million for testing, US\$4 million for EMS and US\$10 million for

<sup>&</sup>lt;sup>2</sup> ATM stands for Semiconductor Assembly, Testing and Material.

#### Advanced Semiconductor Engineering, Inc.

#### interconnect materials.

- 1 As of June 30, 2016, total unused credit lines amounted to NT\$184,607 million.
- 1 Current ratio was 1.13 and net debt to equity ratio was 0.44 as of June 30, 2016.
- 1 Total number of employees was 65,437 as of June 30, 2016, compared to 63,357 as of March 31, 2016.

#### **Business Review**

### Packaging Operations<sup>3</sup>

1 Gross margin for our packaging operations for the quarter was 21.5%, up by 2.4 percentage points from 1Q16.

Capital expenditures for our packaging operations amounted to US\$136 million for the quarter, of which US\$56 million were used in purchases of wafer bumping and flip chip packaging equipment, US\$52 million were used in purchase of common equipment, including SiP equipment purchases, and US\$28 million were used in wirebond packaging specific purposes.

#### **Testing Operations**

Depreciation, amortization and rental expense associated with our testing operations amounted to NT\$1,657 million during the quarter, down from NT\$1,681 million in 1Q16.

- In 2Q16, gross margin for our testing operations was 36.8%, up by 3.9 percentage point from 1Q16.
  - 1 Capital expenditures for our testing operations amounted to US\$107 million during the quarter.

#### **EMS Operations**

- In 2Q16, gross margin for our EMS operations was 10.3%, up by 2.2 percentage points from 1Q16.
  - 1 Capital expenditures for our EMS operations amounted to US\$4 million during the quarter.

#### **Substrate Operations**

1PBGA substrate manufactured by ASE amounted to NT\$2,477 million for the quarter, up by NT\$207 million, or by 19% from 1Q16. Of the total output of NT\$2,477 million, NT\$759 million was from sales to external customers.

1 Gross margin for substrate operations was 18.8% for the quarter, up by 1.9 percentage points from 1Q16.

1In 2Q16, our internal substrate manufacturing operations supplied 37% (by value) of our total substrate requirements.

#### **Customers**

#### IC ATM consolidated Basis

Our five largest customers together accounted for approximately 35% of our total net revenues in 2Q16, remained the same as 1Q16. No customer accounted for more than 10% of our total net revenues in 2Q16.

 $_{1}^{\rm Our}$  top 10 customers contributed 51% of our total net revenues during the quarter, which remained the same as  $_{1}^{\rm Q16}$ .

Our customers that are integrated device manufacturers, or IDMs, accounted for 33% of our

<sup>&</sup>lt;sup>3</sup> IC packaging services include module assembly services.

total net revenues during the quarter, compared to 35% in 1Q16.

#### EMS Basis

1 Our five largest customers together accounted for approximately 76% of our total net revenues in 2Q16, compared to 77% in 1Q16. One customer accounted for more than 10% of our total net revenues in 2Q16.

1 Our top 10 customers contributed 88% of our total net revenues for the quarter, compared to 89% in 1Q16.

#### outlook

Based on our current business outlook and exchange rate assumptions, management projects overall performance for the third quarter of 2016 to be as follows:

1	IC ATM capacity will increase 5% sequentially;
1	IC ATM utilization rate will also increase 5% sequentially;
1	IC ATM gross margin should be around 4Q15 levels;
1	EMS business should approach 2Q15 levels;
1	EMS gross margin should approach 1Q16 levels.

#### About ASE, Inc.

ASE, Inc. is among the leading providers of packaging services and testing services, including front-end engineering testing, wafer probing and final testing services. With advanced technological capabilities and a global presence spanning Taiwan, China, Korea, Japan, Singapore, Malaysia and the United States, ASE, Inc. has established a reputation for reliable, high quality products and services. For more information, please visit our website at http://www.aseglobal.com.

#### Safe Harbor Notice

This press release contains "forward-looking statements" within the meaning of Section 27A of the United States Securities Act of 1933, as amended, and Section 21E of the United States Securities Exchange Act of 1934, as amended, including statements regarding our future results of operations and business prospects. Although these forward-looking statements, which may include statements regarding our future results of operations, financial condition or business prospects, are based on our own information and information from other sources we believe to

be reliable, you should not place undue reliance on these forward-looking statements, which apply only as of the date of this press release. The words "anticipate," "believe," "estimate," "expect," "intend," "plan" and similar expressions, as they relate to us, are intended to identify these forward-looking statements in this press release. Our actual results of operations, financial condition or business prospects may differ materially from those expressed or implied in these forward-looking statements for a variety of reasons, including risks associated with cyclicality and market conditions in the semiconductor or electronic industry; changes in our regulatory environment, including our ability to comply with new or stricter environmental regulations and to resolve environmental liabilities; demand for the outsourced semiconductor packaging, testing and electronic manufacturing services we offer and for such outsourced services generally; the highly competitive semiconductor or manufacturing industry we are involved in; our ability to introduce new technologies in order to remain competitive; international business activities; our business strategy; our future expansion plans and capital expenditures; the uncertainties as to whether we can complete the acquisition of 100% of Siliconware Precision Industries Co., Ltd. shares not otherwise owned by ASE; the strained relationship between the Republic of China and the People's Republic of China; general economic and political conditions; the recent global economic crisis; possible disruptions in commercial activities caused by natural or human-induced disasters; fluctuations in foreign currency exchange rates; and other factors. For a discussion of these risks and other factors, please see the documents we file from time to time with the Securities and Exchange Commission, including our 2015 Annual Report on Form 20-F filed on April 29, 2016.

### Supplemental Financial Information

### IC ATM Consolidated Operations

Amounts in NT\$ Millions	2Q/16	1Q/16	2Q/15
Net Revenues	38,504	35,543	37,671
Revenues by Application			
Communication	52%	51%	55%
Computer	12%	12%	10%
Automotive, Consumer & Others	36%	37%	35%

### **Packaging Operations**

Amounts in NT\$ Millions	JQ/16	IQ/16	2Q/15
Net Revenues	31,180	28,597	30,558
Revenues by Packaging Type			
Bumping, Flip Chip, WLP & SiP	31%	29%	31%
IC Wirebonding	61%	62%	57%
Discrete and Others	8%	9%	12%
Capacity			
CapEx (US\$ Millions)*	136	62	140
Number of Wirebonders	15,920	15,629	15,662

### **Testing Operations**

Amounts in NT\$ Millions	2Q/16	51Q/16	2Q/15
Net Revenues	6,502	5,995	6,230
Revenues by Testing Type			
Final test	77%	78%	75%
Wafer sort	20%	18%	21%
Engineering test	3%	4%	4%
Capacity			
CapEx (US\$ Millions)*	107	47	43
Number of Testers	3,629	3,453	3,370

### **EMS** Operations

Amounts in NT\$ Millions	2Q/16	1Q/16	2Q/15
Net Revenues	24,886	524,788	34,576
Revenues by End Application			
Communication	46%	51%	44%
Computer	20%	19%	13%
Consumer	18%	15%	28%
Industrial	8%	7%	9%
Automotive	7%	7%	5%

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Others	1%	1%	1%
Capacity			
CapEx (US\$ Millions)*	4	2	27

<sup>\*</sup> Capital expenditure excludes building construction costs.

### Advanced Semiconductor Engineering, Inc.

Summary of Consolidated Statement of Comprehensive Income Data

### (In NT\$ millions, except per share data)

(Unaudited)

	For the thro Jun. 30 2016		months end Mar. 31 2016	led	Jun. 30 2015		For the six Jun. 30 2016		onths ended Jun. 30 2015	
Net revenues:										
Packaging Testing Direct Material	30,178 6,503 759		28,036 5,995 892		28,618 6,231 839		58,214 12,498 1,651		57,939 12,411 1,700	
EMS	24,845		24,749		34,534		49,594		62,834	
Others	316		2,699		-		3,015		-	
Total net revenues	62,601		62,371		70,222		124,972		134,884	
Cost of revenues Gross profit	(50,346 12,255	)	(50,922 11,449	)	(58,656 11,566	)	(101,268 23,704	)	(111,005 23,879	)
Operating expenses:										
Research and development	(2,745	)	(2,608	)	(2,733	)	(5,353	)	(5,280	)
Selling, general and administrative	(3,579	)	(3,635	)	(3,424	)		)	(6,898	)
Total operating expenses	(6,324	)	(6,243	)	(6,157	)		)		)
Operating income	5,931		5,206		5,409		11,137	ĺ	11,701	
Net non-operating (expenses) income:										
Interest expense - net	(532	)	(527	)	(471	)	(1,059	)	(997	)
Foreign exchange gain (loss)	(238	)	881		839		643		1,379	
Gain (loss) on valuation of financial assets and liabilities	858		(360	)	(349	)	498		(1,318	)
Gain (loss) on equity-method investments	892		385		(54	)	1,277		(50	)
Others	(438	)	71		26	,	(367	)		,
Total non-operating income (expenses)	542	,	450		(9	)	992	,	(795	)
Income before tax	6,473		5,656		5,400	,	12,129		10,906	,
Income tax expense	(1,523	)	(1,318	)	(1,596	)	(2,841	)	(2,452	)
Income from continuing operations and before		,	•	,	•	,	•	,		,
noncontrolling interest	4,950		4,338		3,804		9,288		8,454	
Noncontrolling interest	(271	)	(175	)	(152	)	(446	)	(333	)
Net income attributable to shareholders of the parent	4,679		4,163		3,652		8,842		8,121	

Per share data:

Earnings (losses) per share

<ul><li>Basic</li><li>Diluted</li></ul>	NT\$0.61	NT\$0.54	NT\$0.48	NT\$1.16	NT\$1.06
	NT\$0.51	NT\$0.43	NT\$0.43	NT\$0.94	NT\$1.02
Earnings (losses) per equivalent ADS  – Basic  – Diluted	US\$0.094	US\$0.082	US\$0.077	US\$0.177	US\$0.170
	US\$0.079	US\$0.065	US\$0.070	US\$0.144	US\$0.164
Number of weighted average shares used in diluted EPS calculation (in thousands)	8,238,396	8,293,278	8,151,710	8,272,966	7,829,459
Exchange rate (NT\$ per US\$1)	32.40	33.07	30.84	32.74	31.18

### Advanced Semiconductor Engineering, Inc.

Summary of Consolidated Statement of Comprehensive Income Data – IC ATM

### (In NT\$ millions, except per share data)

### (Unaudited)

	For the th	ree month	For the six months ended			
	Jun. 30 2016	Mar. 31 2016	Jun. 30 2015	Jun. 30 2016	Jun. 30 2015	
Net revenues:						
Packaging	31,180	28,597	30,558	59,777	62,104	
Testing	6,502	5,995	6,230	12,497	12,410	
Direct Material	801	931	865	1,732	1,726	
Others	21	20	18	41	36	
Total net revenues	38,504	35,543	37,671	74,047	76,276	
Cost of revenues	(28,943)	(27,711)	(28,167)	(56,654)	(56,777)	
Gross profit	9,561	7,832	9,504	17,393	19,499	
Operating expenses:						
Research and development	(2,021)	(1,922)	(1,969)	(3,943)	(3,878)	
Selling, general and administrative	(2,583)	. , ,	. , ,	,		
Total operating expenses	(4,604)		(4,403	,	,	
Operating income	4,957	3,222	5,101	8,179	10,647	
Net non-operating (expenses) income:						
Interest expense - net	(576)	(604	(489	(1,180)	(1,019)	
Foreign exchange gain (loss)	(306)	` /	630	528	1,162	
Gain (loss) on valuation of financial assets and liabilities	828		(516		(1,645)	
Gain (loss) on equity-method investments	1,495	1,431	839	2,926	1,455	
Others	(397)	•	(336		•	
Total non-operating income (expenses)	1,044	1,524	128	2,568	(188 )	
Income before tax	6,001	4,746	5,229	10,747	10,459	
Income tax expense	(1,266)	(529	(1,537)	(1,795)	(2,246)	
Income from continuing operations and before noncontrolling	4,735	4,217	3,692	8,952	8,213	
interest	•		•			
Noncontrolling interest	(56)	(54	(40	(110)	(92)	
Net income attributable to shareholders of the parent	4,679	4,163	3,652	8,842	8,121	

### Advanced Semiconductor Engineering, Inc.

Summary of Consolidated Statement of Comprehensive Income Data – EMS

### (In NT\$ millions, except per share data)

### (Unaudited)

	For the three months ended						For the six months ended			
	Jun. 30 2016		Mar. 31 2016		Jun. 30 2015		Jun. 30 2016		Jun. 30 2015	
Net revenues: Total net revenues	24,886		24,788		34,576		49,674		62,920	
Cost of revenues Gross profit	(22,326) 2,560	)	(22,781 2,007	1)	(32,370 2,206	9)	(45,107 4,567	)	(58,449) 4,471	)
Operating expenses: Research and development Selling, general and administrative Total operating expenses Operating income	(996	)	(710 (920 (1,630 377	)	(783 (962 (1,745 461	)	(1,452 (1,916 (3,368 1,199	)	(1,444 ) (1,876 ) (3,320 ) 1,151	)
Net non-operating (expenses) income: Total non-operating income Income before tax	190 1,012		78 455		423 884		268 1,467		639 1,790	
Income tax expense Income from continuing operations and before noncontrolling interest Noncontrolling interest	807	)	(81 374 (108	)	<ul><li>(64</li><li>820</li><li>(110</li></ul>	)	(286 1,181 (312	)	(220 ) 1,570 (240 )	)
Net income attributable to shareholders of the parent	603		266		710		869		1,330	

### Advanced Semiconductor Engineering, Inc.

Summary of Consolidated Balance Sheet Data

### (In NT\$ millions)

### (Unaudited)

	As of Jun. 30, 2016	As of Mar. 31, 2016
Current assets: Cash and cash equivalents Financial assets – current Notes and accounts receivable Inventories Others Total current assets	36,873 3,588 44,680 44,263 7,567 136,971	45,070 4,358 40,528 44,224 2,823 137,003
Financial assets – non current & Investments – equity method Property plant and equipment Intangible assets Prepaid lease payments Others Total assets	50,457 147,650 11,898 2,402 5,564 354,942	52,340 147,234 11,861 2,458 5,594 356,490
Current liabilities: Short-term borrowings and short-term bills payable Current portion of bonds payable Current portion of long-term borrowings & capital lease obligations Notes and accounts payable Others Total current liabilities	18,319 22,550 5,229 31,340 43,330 120,768	34,154 14,482 1,356 28,907 30,530 109,429
Bonds payable Long-term borrowings & capital lease obligations Other liabilities Total liabilities Shareholders of the parent	24,652 39,664 9,629 194,713 149,362	32,582 36,089 9,653 187,753 158,016
Noncontrolling interest Total liabilities & shareholders' equity	10,867 354,942	10,721 356,490
Current Ratio Net Debt to Equity	1.13 0.44	1.25 0.41