

ADVANCED SEMICONDUCTOR ENGINEERING INC  
Form 6-K  
July 27, 2012

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 27, 2012

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):

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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     X

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b):  
Not applicable

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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 27, 2012

By:

Name:  
Title:

/s/ Joseph Tung  
Joseph Tung  
Chief Financial Officer

Advanced Semiconductor Engineering, Inc.

FOR IMMEDIATE RELEASE

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ADVANCED SEMICONDUCTOR ENGINEERING, INC. REPORTS UNAUDITED CONSOLIDATED  
FINANCIAL RESULTS FOR THE SECOND QUARTER OF 2012

Taipei, Taiwan, R.O.C., July 27, 2012 – Advanced Semiconductor Engineering, Inc. (TAIEX: 2311, NYSE: ASX) (“We”, “ASE”, or the “Company”), the world’s largest independent provider of packaging and testing services, today reported unaudited net revenue<sup>1</sup> of NT\$45,872 million for the second quarter of 2012 (2Q12), down by 1% year-over-year and up by 6% sequentially. Net income for the quarter totaled NT\$3,202 million, down from a net income of NT\$3,644 million in 2Q11 and up from a net income of NT\$2,056 million in 1Q12. Diluted earnings per share for the quarter were NT\$0.48 (or US\$0.081 per ADS), compared to diluted earnings per share of NT\$0.54 for 2Q11 and NT\$0.31 for 1Q12.

RESULTS OF OPERATIONS

2Q12 Results Highlights – Consolidated

1Net revenue contribution from packaging operations, testing operations, EMS operations, substrates sold to third parties and others was NT\$26,040 million, NT\$5,633 million, NT\$13,466 million, NT\$733 million and NT\$0 million, respectively, and each represented approximately 57%, 12%, 29%, 2% and 0%, respectively, of total net revenues for the quarter.

1Cost of revenue was NT\$37,015 million, down by 1% year-over-year and up from NT\$35,913 million in the previous quarter.

- Raw material cost totaled NT\$20,032 million during the quarter, representing 44% of total net revenue, compared with NT\$20,101 million and 47% of total net revenue in the previous quarter.
- Labor cost totaled NT\$6,179 million during the quarter, representing 13% of total net revenue, compared with NT\$5,571 million and 13% of total net revenue in the previous quarter.
- Depreciation, amortization and rental expenses totaled NT\$5,374 million during the quarter, up by 1% year-over-year and up by 1% sequentially.

1 All financial information presented in this press release is unaudited, consolidated and prepared in accordance with accounting principles generally accepted in the Republic of China, or ROC GAAP. 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.

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1 Gross margin increased 2.6 percentage points to 19.3% in 2Q12 from 16.7% in 1Q12.

1 Total operating expenses during 2Q12 were NT\$4,683 million, including NT\$1,948 million in R&D and NT\$2,735 million in SG&A, compared with total operating expenses of NT\$4,342 million in 1Q12. Total operating expenses as a percentage of net revenue for the current quarter were 10%, up from 9% in 2Q11 and remained the same as 1Q12.

1 Operating income for the quarter totaled NT\$4,174 million, up from NT\$2,846 million in the previous quarter. Operating margin was 9.1% in 2Q12 compared to 6.6% in 1Q12.

1 In terms of non-operating items:

- Net interest expense was NT\$392 million, up from NT\$391 million a quarter ago.
- Net foreign exchange loss of NT\$371 million was primarily attributable to the appreciation of the U.S. dollar against Renminbi (“RMB”).
- Loss on equity-method investments of NT\$9 million was primarily attributable to our investment on Hung Ching Development & Construction Co.
- Gain on valuation of financial assets and liabilities was NT\$352 million.
- Other net non-operating expenses of NT\$16 million were primarily related to miscellaneous loss. Total non-operating expenses for the quarter were NT\$436 million, compared to total non-operating income of NT\$128 million for 2Q11 and total non-operating expenses of NT\$263 million for 1Q12.

1 Income before tax was NT\$3,738 million for 2Q12, compared to NT\$2,583 million in the previous quarter. We recorded income tax expense of NT\$442 million during the quarter, compared to NT\$465 million in 1Q12.

1 In 2Q12, net income was NT\$3,202 million, compared to net income of NT\$3,644 million for 2Q11 and net income of NT\$2,056 million for 1Q12.

1 Our total number of shares outstanding at the end of the quarter was 6,658,870,552, including treasury stock owned by our subsidiaries. Our 2Q12 diluted earnings per share of NT\$0.48 (or US\$0.081 per ADS) were based on 6,656,305,522 weighted average number of shares outstanding in 2Q12.

## 2Q12 Results Highlights – IC ATM2

1 Net revenue from IC ATM was NT\$32,485 million for the second quarter of 2012, up 1% year-over-year and up 11% sequentially. Net revenue contribution from packaging operations, testing operations, EMS operations, and substrates sold to third parties was NT\$26,054 million, NT\$5,633 million, NT\$65 million and NT\$733 million, respectively, and each represented approximately 80%, 18%, 0% and 2%, respectively, of total net revenues for the quarter.

1 Cost of revenues was NT\$25,197 million, up by 2% year-over-year and up by 7% sequentially.

- Raw material cost totaled NT\$9,712 million during the quarter, representing 30% of total net revenue, compared with NT\$9,242 million and 32% of total net revenue in the previous quarter.

- Labor cost totaled NT\$5,566 million during the quarter, representing 17% of total net revenue, compared with NT\$4,994 million and 17% of total net revenue in the previous quarter.
- Depreciation, amortization and rental expenses totaled NT\$5,053 million during the quarter, up by 1% year-over-year and up by 1% sequentially.

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2 ATM stands for Semiconductor Assembly, Testing and Material.

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1 Gross margin increased 3.1 percentage points to 22.4% in 2Q12 from 19.3% in 1Q12.

1 Total operating expenses during 2Q12 were NT\$3,591 million, including NT\$1,532 million in R&D and NT\$2,059 million in SG&A, compared with total operating expenses of NT\$3,232 million in 1Q12. Total operating expenses as a percentage of net revenue for the current quarter were 11%, up from 10% in 2Q11 and remained the same as 1Q12.

1 Operating income for the quarter totaled NT\$3,697 million, up from NT\$2,424 million in the previous quarter. Operating margin was 11.4% in 2Q12 compared to 8.3% in 1Q12.

#### 2Q12 Results Highlights – EMS

1 Net revenue contribution from EMS operations was NT\$13,400 million, down by 4% year-over-year and down by 3% sequentially.

1 Cost of revenues was NT\$11,690 million, down by 6% year-over-year and down by 4% sequentially.

- Raw material cost totaled NT\$10,334 million during the quarter, representing 77% of total net revenue, compared with NT\$10,869 million and 79% of total net revenue in the previous quarter.
- Labor cost totaled NT\$613 million during the quarter, representing 5% of total net revenue, compared with NT\$578 million and 4% of total net revenue in the previous quarter.
- Depreciation, amortization and rental expenses totaled NT\$188 million during the quarter, down by 3% year-over-year and down by 2% sequentially.

1 Gross margin increased to 12.8% in 2Q12 from 11.8% in 1Q12.

1 Total operating expenses during 2Q12 were NT\$1,073 million, including NT\$422 million in R&D and NT\$651 million in SG&A, compared with total operating expenses of NT\$1,073 million in 1Q12. Total operating expenses as a percentage of net revenue for the current quarter were 8%, remained the same as 2Q11 and 1Q12.

1 Operating income for the quarter totaled NT\$637 million, up from NT\$559 million in the previous quarter. Operating margin increased to 4.8% in 2Q12 from 4.0% in 1Q12.

#### LIQUIDITY AND CAPITAL RESOURCES

1 As of June 30, 2012, our cash and current financial assets totaled NT\$23,581 million, compared to NT\$30,906 million as of March 31, 2012.

1 Capital expenditures in 2Q12 totaled US\$376 million, of which US\$283 million was used for packaging, US\$60 million for testing, US\$27 million for EMS and US\$6 million for interconnect materials.

1 As of June 30, 2012, we had total bank debt of NT\$75,699 million, compared to NT\$78,226 million as of March 31, 2011. Total bank debt consisted of NT\$28,145 million of revolving working capital loans, NT\$3,983 million of the current portion of long-term debt, and NT\$43,571 million of long-term debt. Total unused credit lines amounted to NT\$88,786 million.



1Current ratio as of June 30, 2012 was 1.16, compared to 1.33 as of March 31, 2011. Net debt to equity ratio was 0.49 as of June 30, 2012.

1Total number of employees was 55,059 as of June 30, 2012, compared to 51,196 as of June 30, 2011 and 51,792 as of March 31, 2012.

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## BUSINESS REVIEW

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

1Net revenues generated from our packaging operations were NT\$26,054 million during the quarter, up by NT\$50 million, or by 0.2% year-over-year, and up by NT\$2,512 million, or by 11% sequentially.

1Net revenues from advanced packaging accounted for 23% of total packaging net revenues during the quarter, down by 1 percentage point from the previous quarter. Net revenues from IC wirebonding accounted for 69% of total packaging net revenues during the quarter, up by 5 percentage points from the previous quarter. Net revenues from discrete and other accounted for 8% of total packaging net revenues during the quarter, down by 4 percentage points from the previous quarter.

1Gross margin for our packaging operations during the quarter was 19.7%, down by 1.1 percentage points year-over-year and up by 2.6 percentage points from the previous quarter.

1Capital expenditures for our packaging operations amounted to US\$283 million during the quarter, of which US\$186 million was used for wirebonding packaging capacity and US\$97 million for wafer bumping and flip chip packaging equipment.

1As of June 30, 2012, there were 14,669 wirebonders in operation. 1,158 wirebonders were added and 400 wirebonders were disposed of during the quarter.

### Testing Operations

1Net revenues generated from our testing operations were NT\$5,633 million, up by NT\$138 million, or by 3% year-over-year, and up by NT\$556 million, or by 11% sequentially.

1Final testing contributed 82% to total testing net revenues, which remained the same as the previous quarter. Wafer sort contributed 16% to total testing net revenues, which remained the same as the previous quarter. Engineering testing contributed 2% to total testing net revenues, which remained the same as the previous quarter.

1Depreciation, amortization and rental expense associated with our testing operations amounted to NT\$1,583 million, down from NT\$1,698 million in 2Q11 and up from NT\$1,576 million in 1Q12.

1In 2Q12, gross margin for our testing operations was 32.4%, up by 2.1 percentage points year-over-year and up by 2.9 percentage points from the previous quarter.

1 Capital spending on our testing operations amounted to US\$60 million during the quarter.

1 As of June 30, 2012, there were 2,678 testers in operation. 123 testers were added and 73 testers were disposed of during the quarter.

### EMS Operations

1Net revenues generated from our EMS operations were NT\$13,400 million, down by NT\$586 million, or by 4% year-over-year, and down by NT\$425 million, or by 3% sequentially.

Communications products contributed 32% to total EMS net revenues, down by 7 percentage points from the previous quarter. Computing products contributed 24% to total EMS net revenues, up by 2 percentage points from the previous quarter. Consumer products contributed 14% to total EMS net revenues, which remained the same as the previous quarter. Industrial products contributed 20% to total EMS net revenues, up by 5 percentage points from the previous quarter. Car products contributed 9% to total EMS net revenues, down by one percentage point from the previous quarter.

In 1Q12, gross margin for our EMS operations was 12.8%, up by 2.0 percentage points year-over-year and down by 1.0 percentage point from the previous quarter.

1 Capital spending on our EMS operations amounted to US\$27 million during the quarter.

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3 IC packaging services include module assembly services.

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## Substrate Operations

1PBGA substrate manufactured by ASE amounted to NT\$2,158 million during the quarter, down by NT\$203 million, or by 9% year-over-year, and up by NT\$506 million, or by 31% from the previous quarter. Of the total output of NT\$2,158 million, NT\$733 million was from sales to external customers.

1Gross margin for substrate operations was 15.3% during the quarter, down by 3.0 percentage points year-over-year and up by 9.8 percentage points from the previous quarter.

1In 2Q12, our internal substrate manufacturing operations supplied 33% (by value) of our total substrate requirements.

## Customers

### IC ATM CONSOLIDATED BASIS

1Our five largest customers together accounted for approximately 33% of our total net revenues in 2Q12, compared to 29% in 2Q11 and 35% in 1Q12. There was one customer which accounted for more than 10% of our total net revenues.

1Our top 10 customers contributed 47% of our total net revenues during the quarter, compared to 45% in 2Q11 and 50% in 1Q12.

1 Our customers that are integrated device manufacturers, or IDMs, accounted for 33% of our total net revenues during the quarter, compared to 38% in 2Q11 and 33% in 1Q12.

### EMS BASIS

1Our five largest customers together accounted for approximately 61% of our total net revenues in 2Q12, compared to 56% in 2Q11 and 63% in 1Q12. There were two customers which accounted for more than 10% of our total net revenues.

1Our top 10 customers contributed 80% of our total net revenues during the quarter, compared to 77% in 2Q11 and 82% in 1Q12.

## About ASE, Inc.

ASE, Inc. is the world's largest independent provider 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, 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 presentation. The words "anticipate", "believe", "estimate", "expect", "intend", "plan" and similar expressions, as

relate to us, are intended to identify these forward-looking statements in this presentation. 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 cyclicalities and market conditions in the semiconductor industry; demand for the outsourced semiconductor packaging and testing services we offer and for such outsourced services generally; the highly competitive semiconductor industry; our ability to introduce new packaging, interconnect materials and testing technologies in order to remain competitive; our ability to successfully integrate pending and future mergers and acquisitions; international business activities; our business strategy; general economic and political conditions, including the recent global financial crisis; possible disruptions in commercial activities caused by natural or human-induced disasters; our future expansion plans and capital expenditures; the strained relationship between the Republic of China and the People's Republic of China; 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 2011 Annual Report on Form 20-F filed on April 20, 2012.

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## Supplemental Financial Information

## IC ATM Consolidated Operations

Amounts in NT\$ Millions	2Q/12	1Q/12	2Q/11
Net Revenues	32,485	29,236	32,255
Revenues by End Application			
Communications	50%	51%	50%
Computers	13%	11%	15%
Automotive and Consumer	36%	37%	34%
Others	1%	1%	1%
Revenues by Region			
North America	56%	58%	54%
Europe	12%	11%	12%
Taiwan	20%	19%	21%
Japan	6%	5%	7%
Other Asia	6%	7%	6%

## Packaging Operations

Amounts in NT\$ Millions	2Q/12	1Q/12	2Q/11
Net Revenues	26,054	23,542	26,004
Revenues by Packaging Type			
Advanced Packaging	23%	24%	18%
IC Wirebonding	69%	64%	71%
Discrete and Other	8%	12%	11%
Capacity			
CapEx (US\$ Millions)*	283	106	220
Number of Wirebonders	14,669	13,911	13,015

## Testing Operations

Amounts in NT\$ Millions	2Q/12	1Q/12	2Q/11
Net Revenues	5,633	5,077	5,495
Revenues by Testing Type			
Final test	82%	82%	87%
Wafer sort	16%	16%	11%
Engineering test	2%	2%	2%
Capacity			
CapEx (US\$ Millions)*	60	39	63