

# CONNECT

## Korean Market to Stay Strong in 2017 at More Than US\$15 Billion

Forecasts project that in 2016, Korea will maintain its position as the world's second largest equipment and materials market (behind only Taiwan) for the second year in a row. With front-end fab equipment sales expected to reach US\$8.1 billion and the materials market also expected to reach US\$7.3 billion in 2016, the total market for equipment and materials in Korea will exceed US\$15 billion this year.

Much of the semiconductor manufacturing capacity in Korea is targeted towards both advanced NAND Flash and DRAM. Korea represents the largest region of installed 300 mm fab capacity in the world. Korean semiconductor manufacturers represent about 60 percent of the worldwide Memory output, and is the market leader for installed memory fab capacity. According to the *SEMI World Fab Forecast*, memory was a significant driver for semiconductor equipment spending in 2015 and is expected to remain the largest spending segment 2016, driven mainly by investments for 3D NAND. The primary driver for the memory market continues to be mobility, keeping the pressure on scaling and added functionality.

### SEMICON Korea 2017: Celebrating 30 Years of Connecting the World to Korea's Microelectronics Industry

For 30 years, SEMICON Korea has been the region's premier destination for connecting to buyers and decision-makers from across the Korean microelectronics industry. Reflecting this strength, SEMICON Korea has sold out exhibition space for four consecutive years.

2017 marks the 30th year of SEMICON Korea. Don't miss your chance to join us as we celebrate 30 years of connecting the Korean microelectronics industry—make your plans now to exhibit at SEMICON Korea 2017!

### SEMICON Korea 30 Year Highlights:

- The largest microelectronics industry event in Korea
- More than 40,000 attendees expected
- Diverse technical and standards programs focusing on advanced semiconductor manufacturing process
- Supplier Search Program: Business match-making between chipmakers and exhibiting companies
- New LED Pavilion to serve the entire LED supply chain

### 2017 Exhibit Options

#### Raw Space\*

SEMI Member	KRW344,444/sqm
Non-member	KRW438,888/sqm

#### Decorated Space

SEMI Member	KRW438,888/sqm
Non-member	KRW555,555/sqm

\* Raw space is the rental of floor space only and does not include utilities, services, walls, carpet, furnishings, labor, or material handling.

Booths are sold in no less than 9 square meter increments unless otherwise indicated on floor plan.

67%

of visitors  
involved in buying  
decisions

56%

of visitors are  
management level  
or above

60%

of visitors represent  
engineering job  
functions

### Contact

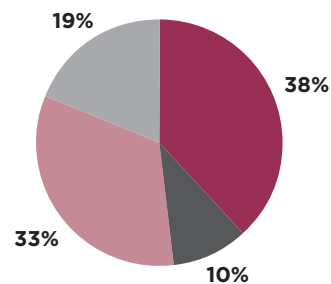
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## SEMICON® Korea Visitor Profile

This year's SEMICON Korea and LED Korea were the largest and most successful for both exhibitors and visitors in the history of the event. SEMICON Korea and LED Korea attract a highly influential audience from every segment and sector of the global microelectronics industries, including semiconductors, LEDs, OLEDs, MEMS, printed/flexible electronics, and other adjacent markets.

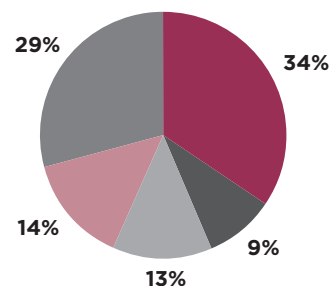
### SEMICON Korea 2016 Post-show Data

<b>Total Attendance</b>	39,278
<b>Total Verified Visitors</b>	28,167
<b>Net Exhibit Area (sqm.)</b>	16,812



#### PURCHASING AUTHORITY

- 19% Final Decision Maker
- 38% Recommend/Evaluate
- 10% Specify
- 33% No Role



#### JOB LEVELS

- 13% Executive Management
- 14% Senior Management
- 29% Other Management
- 34% Non-management
- 9% Other

### Key Visiting Companies

#### Device Manufacturers

- Dongbu HiTek
- Fairchild
- LG
- Magnachip
- Samsung
- SK hynix

#### Suppliers/Services

- Advantest
- Amkor
- Applied Materials
- ASML
- EO Technics
- Global Zeus
- Hanyang ENG
- KC Tech
- Lam Research
- PSK
- SEMES
- Soulbrain
- Tokyo Electron
- Wonik

### Areas of Interest

#### MANUFACTURING

Semiconductor Device Manufacturing ( <i>IDM, foundry</i> )	17%
Electronic Manufacturing Services	13%
Packaging Assembly and Test Services	8%
LED Manufacturing	6%
Fabless Semiconductor Manufacturer/Design Services	4%
MEMS Manufacturing	3%
Photovoltaic Manufacturing	3%
Other	1%

#### MANUFACTURING EQUIPMENT

Wafer Processing/Front-end Manufacturing Equipment	17%
Test Equipment ( <i>Device</i> )	10%
Display Manufacturing Equipment	8%
Assembly and Packaging Equipment	7%
Test Equipment ( <i>Environmental</i> )	6%
LED Manufacturing Equipment	6%
Inspection and Measurement/Metrology	6%
Factory Automation/Robotics	5%
Clean Room/Lab Equipment	4%
MEMS Manufacturing Equipment	3%
Printing, Coating, Roll-to-Roll Equipment	3%
Material Handling Equipment	1%
Other	1%

#### MATERIALS

Wafers and Related Substrates	10%
Process Materials	8%
Assembly and Packaging Materials	5%
LED Materials	5%
Gases and Liquid Chemicals	5%
Photolithography Materials	4%
Deposition Materials	4%
MEMS Materials	3%
Consumables ( <i>Test and Process</i> )	3%
Clean Room Supplies	3%
PV/Solar Cells and Modules	2%
Inks, Pastes and Printing Materials	2%
Other	1%

#### SOFTWARE, OTHER PRODUCTS AND SERVICES

Software—Manufacturing/Factory Automation	5%
Factory Control Automation/Facilities	5%
Sub-systems	4%
Secondary Equipment and Services	3%
Support Products (includes consumables)	3%
Manufacturing Services or Consulting ( <i>directly related to manufacturing</i> )	2%
Software—EDA/Silicon Intellectual Property	2%
General Business Services/Consulting	1%
Other	1%

Partial list and data; see the SEMICON Korea 2016 Post-Show Report online at [www.semiconkorea.org](http://www.semiconkorea.org) for additional data and information.