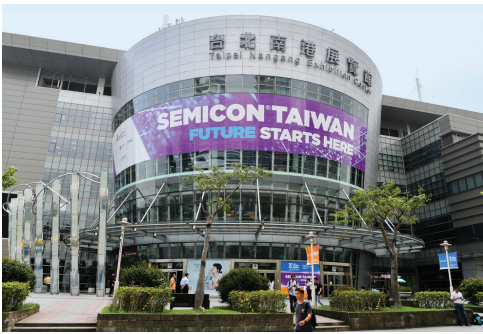


# FUTURE STARTS HERE



## SEMICON® Taiwan 2018

Sept. 5-7, 2018 TWTC Nangang Exhibition Hall, Taipei, Taiwan

### 2018 Highlights

- **The Most Comprehensive Exhibit Content:** The 14 Theme and 8 Regional Pavilions at SEMICON Taiwan focused visitor attention on critical markets, regions, and technologies, speeding connections and collaboration across the supply chain.
- **Smart Manufacturing Journey:** This new, special exhibition highlighted future trends and opportunities of smart manufacturing, including IIoT, edge computing, AI, smart data, smart applications, smart factory, smart logistics, and cyber security.
- **Smart Workforce Pavilion:** This unique exhibition organized a series of career-oriented presentations, job matching, industrial info sharing sessions, and SEMI High Tech U courses to encourage younger generations to enter the semiconductor industry.
- **IC60 Master Forum:** Featuring the 60th anniversary of the invention of the integrated circuit, the Forum invited Taiwan semiconductor industry luminaries, including Morris Chang, the founder of TSMC, to share their pioneering spirit and tenacious pursuit of the advancement of the semiconductor industry.
- **Leadership Gala Dinner:** This iconic networking event connected over 600 global microelectronics industry elites and government officials to facilitate cross-region and cross-field business partnerships.

### Key Visiting Companies

- ABB
- Advantech
- Advantest
- Amkor
- Applied Materials
- ASE
- ASM
- ASML
- Atotech
- Brewer Science
- Broadcom
- Cadence
- Chipbond
- ChipMos
- Corning
- DELTA
- DISCO
- DowDuPont
- Edwards
- Entegris
- Episil
- Epistar
- EV Group
- GLOBALFOUNDRIES
- GPM
- Greatek
- Hermes
- Hitachi Chemical
- Infineon
- Intel
- JUSUNG ENGINEERING
- JSR
- K&S
- KLA-Tencor
- KYEC
- Lam Research
- Lintec
- Marketech
- MediaTek
- Mentor, a Siemens Business
- Mercedes Benz
- Merck
- Micron
- Microsoft
- MXIC
- Nanya
- nVIDIA
- NXP
- Panasonic
- Philips
- Porsche
- Powerchip
- PTI
- Qualcomm
- Quanta
- REALTEK
- Rockwell
- SCREEN
- Senju
- Siemens
- SK Hynix
- Solar Applied Materials
- SONY
- SPIL
- SPTS
- STMicroelectronics
- Synopsys
- TEL
- Toshiba
- TSMC
- UMC
- Versum
- VIS
- Vishay
- Wah Lee
- Win Semiconductors
- Winbond
- Xilinx



**43** COUNTRIES

**36,784** ATTENDEES



**2,083**  
BOOTHS



**680**  
EXHIBITORS



**650**  
VIPs



**272**  
PRESENTATIONS



**36**  
SPONSORS

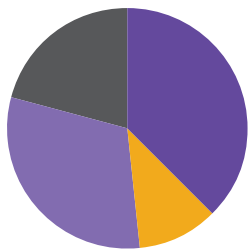


**650+**  
MEDIA COVERAGE

## Visitor Profile

As the premier electronics manufacturing supply chain event in Taiwan, SEMICON Taiwan is the best platform to connect buyers, engineers, key influencers, and decision-makers involved in the equipment, materials, and services buying cycle. Among SEMICON Taiwan visitors, 54% are manager level or above, and 59% influence purchasing decisions.

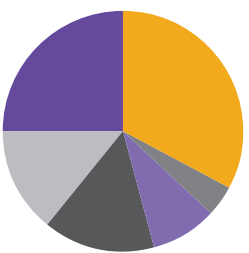
## Influential Buyers



### All Attendees by Purchasing Authority in 2018

- 21% Final Decision Maker/Co-deciding/Crucial
- 38% Recommend/Evaluate/Consult
- 11% Specify
- 31% No Role

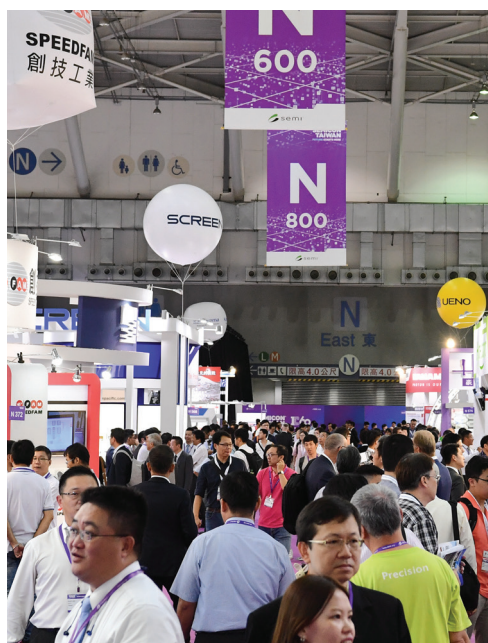
	2018	2017
<b>Final Decision Maker/Co-deciding/Crucial</b>	21%	14.34%
<b>Recommend/Evaluate/Consult</b>	38%	32.54%
<b>Specify</b>	11%	7.17%
<b>No Role</b>	31%	45.96%



### All Attendees by Job Levels in 2018

- 15% Executive Management (Chairman, CEO, CFO, CMO, President, Chief, Managing Dir.)
- 14% Senior Management (VP, Dir.)
- 25% Other Management (Prog. Mgr., Mgr.)
- 33% Non-management (Staff, Professional)
- 4% Student
- 9% Other

	2018	2017
<b>Executive Management</b> (Chairman, CEO, CFO, CMO, President, Chief, Managing Director)	15%	11%
<b>Senior Management</b> (Vice President, Director)	14%	11%
<b>Other Management</b> (Program Manager, Manager)	25%	25%
<b>Non-Management</b> (Staff, Professional, etc.)	33%	45%
<b>Student</b>	4%	4%
<b>Others</b>	9%	4%



## All Attendees by Company Type

Semiconductor / compound semiconductor	31%
MEMS	7%
Sensors	7%
Imaging	3%
Flexible Hybrid Electronics/Printed Electronics	2%
LED/Solid State Lighting	5%
Photonics	2%
Display/FPD	4%
Photovoltaic/Solar	2%
Software/Applications	2%
Consumer Electronics	3%
PCB Manufacturing	3%
PCB Assembly	3%
EMS/Contract Manufacturing/Precision Engineering	2%
Automotive/Transportation	3%
3D Laser/Laser	2%
Medical	1%
Aerospace	1%
Professional Services/Consulting	2%
Academia/University/R&D	1%
Media/Publication	1%
Association/Non-profit	1%
Government	1%
Others	11%

## Primary Job Functions

SEMICON Taiwan attracts multi-level buying teams, with broad representation across all levels, functions and industries.

63% of SEMICON Taiwan visitors represent engineering functions, including design, R&D, materials, and process engineering.



Research and Development	17%
Design	9%
Equipment Engineering	9%
Product Management	8%
Fabrication and Process Engineering	5%
Test	4%
Chemicals/Materials	3%
Packaging/Assembly	3%
Quality Assurance/Failure Analysis/Reliability	2%
Facilities/Engineering Support	1%
Industrial Engineering	1%
Software Engineering	1%
Marketing/Sales/Business Development	13%
Manufacturing/Operations Management/Production	3%
Purchasing/Procurement/Office Management	3%
Executive Management/Board Member	2%
Financial/Industry Analyst/Investor Relations	1%
Integration/IT Support	1%
Logistics/Supply Chain Management	1%
Training/Education	1%
Environment, Health and Safety (EHS)	<1%
Government/Public Policy	<1%
Human Resources	<1%
Other	11%

## Areas of Interest

SEMICON Taiwan visitors are interested in a broad range of industries, technologies, and products from across the supply chain, from design to final manufacturing.

### Areas of Interest

#### APPLICATIONS

SMART Manufacturing	41%
Automotive Electronics/SMART Transportation	21%
Artificial Intelligence Systems (AI)	20%
Internet of Things (IoT)	18%
Mobile Technologies/Wireless/5G	14%
OLED	13%
Virtual Reality/Augmented Reality (VR/AR)	13%
Consumer Electronics	11%
Wearables	10%
Laser Processing Application	9%
Power Device/Power Systems	9%
Medical Electronics/MedTech	8%
Green Manufacturing/EHS	7%
Imaging	7%
Cloud Computing/High-Performance Computing	5%
Other Applications	21%

#### DESIGN/MANUFACTURING SERVICES

Packaging and Test Services (OSAT)	22%
Design/EDA	19%
Engineering Services	19%
R&D/Technology Transfer	19%
Manufacturing Services and Consulting	17%
Foundries	16%
Electronic Manufacturing Services (EMS)/ System Integration	14%
Fabless	11%
Factory Control/Process Software	10%
Other Design/Manufacturing Services	19%

#### MANUFACTURING EQUIPMENT

Front-end Processing	22%
Assembly/Packaging	20%
Test	19%
Factory Automation/Robotics	11%
Inspection and Measurement/Metrology	11%
Parts	10%
Large-area/Thin Film	8%
Printing/Coating/Roll-to-Roll	8%
Secondary Equipment and Services	6%
Components/Sub-systems/Instrumentation	5%
Laser Systems for Production Engineering	3%
Abatement/Environmental Systems	
Circular Economy/Recycling/Waste Management	3%
Other Manufacturing Equipment	19%

#### MATERIALS

Wafers/Substrates	30%
Packaging/Assembly	20%
Process Materials: Gases/Liquids/Solids/Chemicals	19%
Cleaning	13%
Compound Semiconductor/Power Device	12%
LED/MEMS/Sensors/PV/Display Manufacturing	12%
Consumables	9%
Inks/Pastes/Printing Materials	7%
Other Materials	16%

#### OTHER PRODUCTS AND SERVICES

Support Products/Cleanroom	17%
Standards	12%
General Business Services/Consulting	11%
Representative Sales and Service	9%
Key Components and Others, Laser Source	7%
Other	25%

