

SEMI GLOBAL UPDATE

May 5, 2026

What's New at SEMI



Market Intelligence

SEMI Reports Worldwide Silicon Wafer Shipments Increase 13% Year-on-Year in Q1 2026

"Silicon wafer demand related to AI data centers continues to be strong, including advanced logic and memory, ...," said Ginji Yada, Chairman of SEMI SMG.



Standards

White Paper: SEMI Equipment Communication and Automation Standards Suites

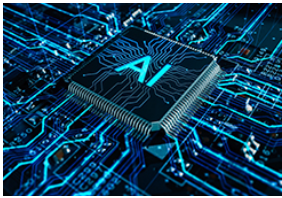
Download the white paper on 4 new SEMI Standards Suites to simplify equipment communication and scale factory integration with standards-based approaches.



ESD Alliance

SEMI ESD Alliance 2026 Executive Outlook Explores How Agentic AI Will Change Chip Design and Verification

Join us on June 10 for this year's panel highlighting innovation in chip design and verification, collaboration between EDA and agentic AI startups and more.



Smart Data AI

AI & Energy: Bending the Curve

AI promises many economic and social benefits, but the growth comes with an escalating demand for power, and energy has emerged as a major challenge.



Smart Manufacturing

Edge AI in Semiconductor Manufacturing: Powering Smart, Resilient Fabs

Get insights from the Smarter Sensors, Smarter Fabs workshop on how edge AI and smart sensors are redefining semiconductor manufacturing.



ESD Alliance

SEMI Appoints Julie Rogers Executive Director of the ESD Alliance

"Julie's leadership, industry insight, and collaborative approach will bring fresh energy and new ideas ...," said Ajit Manocha, President and CEO, SEMI.



SEMI-Related

Semecosystem: TSMC Releases New Roadmap, Rolls Out A13 Process

The roadmap consists of several new technologies, including the company's most advanced process.

Upcoming Events/Webinars

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| May 11-14 | Advanced Semiconductor Manufacturing Conference—ASMC
Albany, New York Eastern Daylight Time |
| May 12 | SMC (Strategic Materials Conference) Korea 2026
Suwon, South Korea Korean Standard Time |
| May 14 | Texas Spring Breakfast Forum
Austin, Texas Central Daylight Time |

[More events](#)

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