SEMI GLOBAL UPDATE

December 16, 2025

What's New at SEMI

Market Intelligence

Global Semiconductor Equipment Sales Projected to Reach a Record of $156 Billion in 2027

"Global semiconductor equipment sales show robust momentum, with both the front-end and back-end segments …," said Ajit Manocha, SEMI president and CEO.

Exhibitions and Conferences

SEMICON Japan 2025 to Open With Inaugural Summit Focused on AI, Sustainability, and Semiconductors

SEMICON Japan opens on Dec. 17 featuring two new summits, various seminars by semiconductor experts, over 1,200 exhibitors from 35 countries, and more.

Exhibitions and Conferences

SEMICON Korea 2026 to Showcase Core Semiconductor Technologies for the AI Era

SEMICON Korea 2026 will feature over 30 conferences, offering a comprehensive view of advanced technology roadmaps and global market outlooks.

Technology and Trends

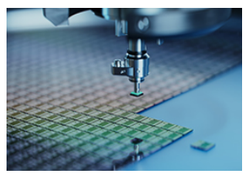
Executive Forum: Understanding the Potential of Smart Manufacturing Technologies

SEMICON Europa 2025's Executive Forum gathered experts to discuss Europe's automotive sector transformation and the drive for more competitive manufacturing.

Workforce Development

From Classroom to Clean Room: Broadening the Pathway into the Semiconductor Industry

The *Building the Talent Pipeline* session during SEMICON Europa featured some of Europe's most enthusiastic advocates in workforce development.



Advanced Packaging and Heterogeneous Integration

Advanced Packaging: Driving Innovation, Performance, and New System Capabilities

At the Advanced Packaging Conference during SEMICON Europa 2025, experts discussed this sector's growth and Europe's role in next-generation packaging.

Advanced Packaging and Heterogeneous Integration

Driving Europe's Tech Edge: Heterogeneous Integration in Action

In a recent webinar, experts from the HiCONNECTS project outlined how Europe is advancing system-level innovation through coordinated research and development.

Sustainability

Ripple Effects: Why Water Risk is the Next Major Business Challenge for the Semiconductor Industry

A new insights report identifies key water risk hotspots and urges the semiconductor sector to adopt comprehensive water stewardship strategies.

SEMI-Related

Semiconductor Engineering: Chiplets vs. Soft IP: Different in Almost Every Way

A chiplet marketplace would require deep changes in the design-through-manufacturing flow.

Upcoming Events/Webinars

Dec 17-19	SEMICON Japan Tokyo Big Sight, Japan | Japan Standard Time
Dec 23	Revolutionizing Robotics Through AI-Driven Sensing and Edge Computing AI Virtual | China Standard Time
Jan 11-14	Industry Strategy Symposium—ISS Half Moon Bay, California | Pacific Time

More events

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