

SEMI GLOBAL UPDATE

April 29, 2025

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What's New at SEMI



Market Data

2024 Global Semiconductor Materials Market Posts \$67.5 Billion in Revenue, SEMI Reports

Wafer fabrication materials revenue increased 3.3% to \$42.9 billion in 2024, while packaging materials revenue grew 4.7% to \$24.6 billion last year.



Market Data

Worldwide Silicon Wafer Shipments Increase 2% Year-on-Year in Q1 2025, SEMI Reports

"Q1 2025 silicon shipments indicated a 6% YoY growth in ...," said Lee Chungwei (李崇偉), Chairman of SEMI SMG and VP and Chief Auditor at GlobalWafers.



Market Data

2025 Silicon Wafer Market: At the Threshold Between Cyclical Limits and Structural Change

As of April 2025, the industry faces a mix of conflicting signals. Concerns are rising that AI-related demand may have already peaked, while cautious ...



Download the case study. Save with 10x longer seal life for dielectric etch processes

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Case Study on Optimizing Your Semiconductor Wafer Production Equipment

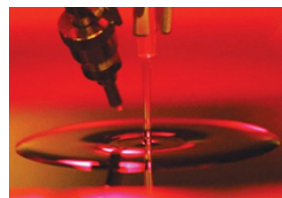
Learn seal materials best practices to protect and extend the life of electrostatic chucks in plasma applications. Download Greene Tweed's case study.



Advocacy and Public Policy

SEMI Advocacy Update: Addressing the Impact of U.S. Tariffs on the Global Semiconductor Industry

SEMI has been tirelessly working to educate new policymakers and regulators about the negative impacts the proposed tariffs have on the semiconductor ...



Technology and Trends

Spin-on Dielectric for Next-Generation Semiconductor Innovation

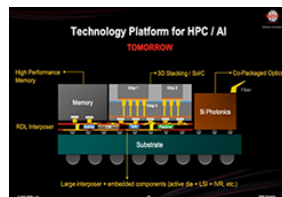
As the industry evolves, Spin-on Dielectrics, is expected to play a pivotal role in enabling the next generation of chips that power everything from AI ...



Sustainability

How a Grassroots Initiative in ASML San Diego is Assembling Restorative Future with Real Results

In the wake of the 2020 "Labor Day" wildfires that devastated large parts of Oregon, a US employee network group at ASML, sought an innovative way to ...



SEMI-Related

EE Times: TSMC Announces World-Leading A14 Node to Power AI

"TSMC's cutting-edge logic technologies like A14 are part of a comprehensive suite of solutions that connect the physical and ...," TSMC CEO C.C. Wei said.

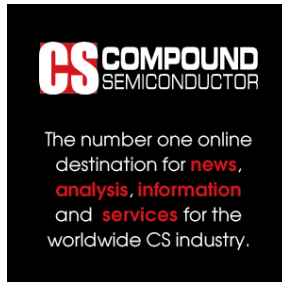
Upcoming Events/Webinars

May 5-8	Advanced Semiconductor Manufacturing Conference—ASMC Albany, New York Eastern Time
May 7	Empowering Tomorrow's Precision Medtech With Sensor Solutions Virtual Pacific Time
May 8	Women in Semiconductors—WIS Albany, New York Eastern Time

[More events](#)

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