

## SEMI GLOBAL UPDATE

January 7, 2025

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### What's New at SEMI



#### Market Data

##### **Eighteen New Semiconductor Fabs to Start Construction in 2025, SEMI Reports**

"The semiconductor industry has reached a pivotal juncture, with investments driving both leading-edge ..., " said Ajit Manocha, SEMI President and CEO.



#### Conference Takeaways

##### **III-V: A New Era of Technological Advances**

"It is my firm belief that a boost to Moore's Law will come from the III-V world," said Ajit Manocha, President and CEO of SEMI.



#### Conference Takeaways

##### **MEMS and Imaging Drive the Sensor Revolution**

"Sensors are at the heart of the next wave of innovation, enabling unprecedented levels of intelligence ..., " said Laith Altimime, President of SEMI.



#### Workforce Development

##### **Driving Semiconductor Innovation: Raphael Hardegger's Journey to Success at VAT**

Raphael Hardegger's journey in the semiconductor industry is a testament to the power of curiosity, dedication, and a customer-centric approach.



#### Markets and Business

##### **Securing Chip Access – Models for a Dedicated Supply Chain**

Explore three models companies can implement to become less dependent on single sourcing and regain control over their supply chain at a lower cost.



#### SEMI-Related

##### **Semiconductor Engineering: Baby Steps Toward 3D DRAM**

Several new ideas are underway for building 3D DRAMs both with and without capacitors.

### Upcoming Events/Webinars

- |           |                                                                                                       |
|-----------|-------------------------------------------------------------------------------------------------------|
| Jan 22-23 | <b>Chiplet and Heterogeneous Integration for Microelectronics Packaging</b><br>Virtual   Pacific Time |
| Jan 23    | <b>ISSB Standards Adoption and Reporting</b><br>Virtual   Pacific Time                                |
| Jan 23    | <b>ESDA Webinar: Savage on Security</b><br>Virtual   Pacific Time                                     |

[More events](#)

### More News

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