



EV Group advances leadership in optical lithography with next-generation EVG150 resist processing platform – November 7, 2022



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Top Stories

[What the CHIPS and Science Act could mean for domestic semiconductor manufacturing innovation](#)

It's important for semiconductor companies to utilize the CHIPS Act funding as effectively as possible. One way to do this is by switching to a chiplet-based design flow. [More>>](#)

[Samsung Electronics begins mass production of 8th gen vertical NAND with industry's highest bit density](#)

Samsung Electronics Co., Ltd., as promised at Flash Memory Summit 2022 and

Samsung Memory Tech Day 2022, announced today that it has begun mass producing a 1-terabit (Tb) triple-level cell (TLC) eighth-generation Vertical NAND (V-NAND) with the industry's highest bit density. [More>>](#)



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Tech News

[EV Group advances leadership in optical lithography with next-generation EVG150 resist processing platform](#)

Redesigned 200mm platform increases module capacity for higher throughput, improves architecture for reduced tool footprint all while maintaining industry-leading capabilities of previous-generation platform. [More>>](#)

FEATURED PRODUCT

[Control Wafer Thickness Variation](#)

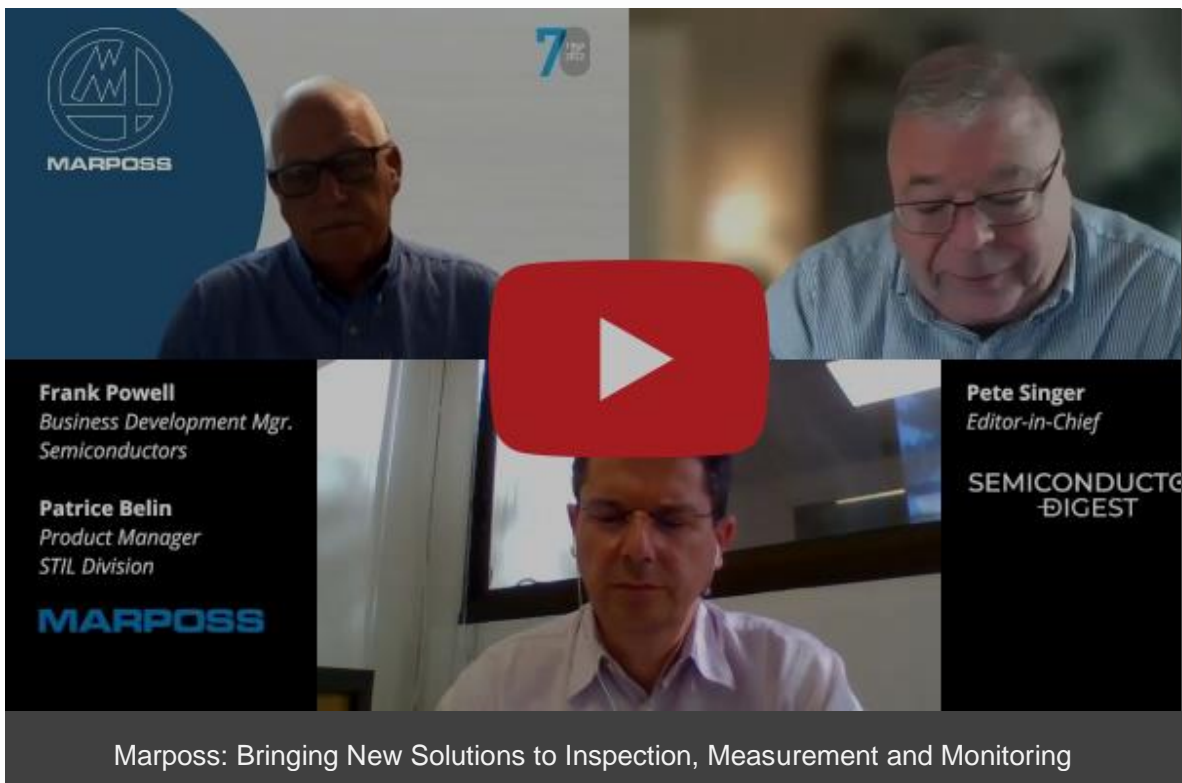
Marpos sensors improve production and assure high-quality processes such as ingot slicing, wafer lapping and wafer back grinding by monitoring thickness, force, torque, vibration, acceleration, true power, coolant flow and acoustics. These sensors work inside a machine and immediately detect events or changes in the machine environment. [Learn more.](#)



You're Invited — Assured Microelectronics Summit!

DSI's Assured Microelectronics Summit, taking place November 2-3 in Washington, DC, will convene DoD, US government, industry, and academia to discuss the technologies and policies needed to enhance microelectronics capabilities to support increased supply chain resilience and national security efforts. Active-duty military and government attend **FREE!** [Register today.](#)

Featured Video



Frank Powell, who is in charge of business development in semiconductor for Marposs, and Patrice Belin, product manager for STIL, a division of Marposs, talk to Semiconductor Digest editor Pete Singer about the company, its products and their applications. Marposs Company provides precision metrology

equipment in the form of probes, in-process gauges and non-contact sensors for process control and monitoring. The STIL group adds chromatic confocal and interferometry technology to the line-up. Applications include ingot slicing, lapping/polishing/CMP, back grinding and machine monitoring. Chromatic confocal tech is used to produce high-accuracy bump measurements.



The image shows the cover of the October 2022 issue of SEMICONDUCTOR DIGITAL magazine. The cover features a large, detailed image of a square silicon chip with a grid of pins, set against a dark background with glowing blue and yellow lights. The magazine title 'SEMICONDUCTOR DIGITAL' is at the top, with 'NEWS AND INDUSTRY TRENDS' and 'OCTOBER 2022' below it. A list of articles is visible on the left side of the cover.

**Read exclusive articles
in the magazine!**

Read the October issue

Business News

[Global silicon wafer shipments projected to set new record in 2022, SEMI reports](#)

Global silicon wafer shipments are projected to increase 4.8% year-over-year in 2022 to a record high of nearly 14,700 millions of square inches (MSI), SEMI reported today in its annual silicon shipment forecast for the semiconductor industry. [More>>](#)

[SEMICON Europa 2022 keynotes to highlight chip industry growth opportunities and advanced technologies](#)

Registration for the event, co-located with electronica, is now open. [More>>](#)

[Semiconductor Climate Consortium representatives to present during 2022 United Nations Climate Change Conference](#)

SEMI today announced that members of the new Semiconductor Climate Consortium (SCC) will discuss key aspects of the group's vision, goals and membership at two sessions during COP27 in Sharm El-Sheik, Egypt. [More>>](#)

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