

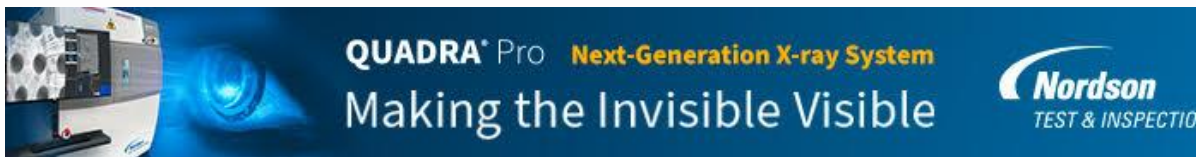


**EV Group completes construction of new Manufacturing V building at corporate headquarters  
– December 5, 2023**



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December 5, 2023



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Chemical consumption to increase for leading-edge tech and fab expansions. **More>>**

### **Siemens and Intel to collaborate on advanced semiconductor manufacturing**

New collaboration will advance factory efficiency and sustainability while supporting global industry ecosystems. **More>>**

### **MediaTek's Chairman Ming Kai Tsai awarded IEEE Robert N. Noyce Medal**

MediaTek announced its chairman Ming-Kai Tsai has been awarded the IEEE Robert N. Noyce Medal, one of the most prestigious awards in the electronics industry. **More>>**



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## Tech News

### Manganese complex leads the way to affordable and sustainable bright white OLEDs

Scientists at Dongguk University have developed a new environmentally friendly and cost-effective bright green light-emitting manganese complex called MnBz for organic light-emitting diodes (OLEDs). The material was used to fabricate a first-of-its-kind Mn-based white OLED device and a green OLED device with record high efficiency. [More>>](#)

### Photonic chip that 'fits together like Lego' opens door to semiconductor industry

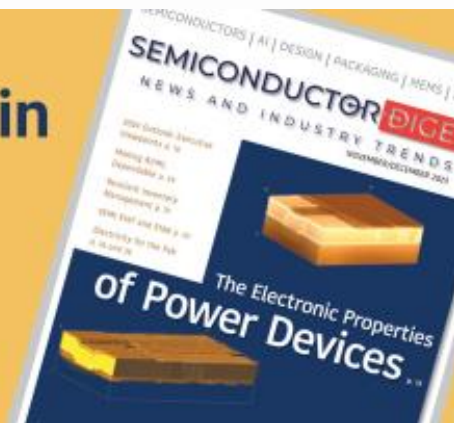
Integrating photons into electronic chips expands bandwidth and filter control. [More>>](#)

### Next-generation semiconductors: Diamond device shows highest breakdown voltage

Researchers at the University of Illinois Urbana-Champaign have developed a semiconductor device made using diamond, that has the highest breakdown voltage and lowest leakage current compared to previously reported diamond devices. Such a device will enable more efficient technologies needed as the world transitions to renewable energies. [More>>](#)

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## Business News

### **Amkor announces U.S. advanced packaging and test facility**

Amkor Technology, Inc., a provider of semiconductor packaging and test services, has announced its plan to build an advanced packaging and test facility in Peoria, Arizona. **More>>**

### **Axcelis announces grand opening of the company's new Logistics Center in Beverly, MA**

The Company celebrated this milestone event with a ribbon-cutting ceremony led by President and CEO Russell Low. **More>>**

### **EV Group completes construction of new Manufacturing V building at corporate headquarters**

EV Group announced that it has completed construction work for the next expansion phase of its corporate headquarters. **More>>**

### **Q3 2023 global semiconductor equipment billings drop 11% year-over-year, SEMI reports**

Global semiconductor equipment billings contracted 11% year-over-year to US\$25.6 billion in the third quarter of 2023, while quarter-over-quarter billings slipped 1% during the same period. **More>>**

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