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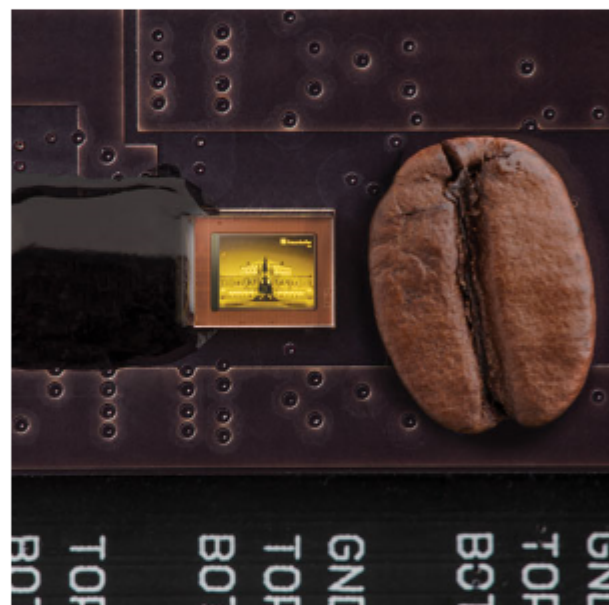
Join us for a **FREE Webinar**

OLED-on-Silicon for Microdisplays in AR/VR/MR and Embedded Sensing

Thursday, May 30, 2024 10:00 AM - 11:00 AM EDT

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Microdisplays are essential for wearable AR/VR/MR devices, such as smart glasses. Emissive microdisplays, such as OLEDs or micro-LEDs, provide significant advantages in terms of form factor and power consumption versus their non-emissive counterparts, such as liquid crystal on silicon and digital light processing technology. Uwe Vogel of Fraunhofer IPMS discusses achievements in high-resolution and ultralow power OLED microdisplay and sensing devices, their backplane integrated circuit (IC) design architectures, as well as OLED-on-silicon frontplane process technology. He considers micro-LEDs as upcoming options for very high-brightness applications and compares them to OLEDs in terms of application requirements and performance features.



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