NEWS RELEASE

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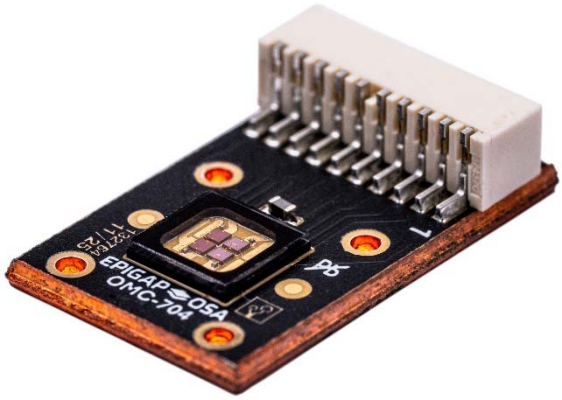
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For Immediate Release

EPIGAP OSA Introduces Multi-Wavelength, High-Power LED Module, Operating from Visible to Near Infrared

• Company will showcase the innovative high-power module with four individually addressable LED chips during Munich's **Electronica 2026**, November 10 – 13, 2026, in Hall B5, Booth 400.

Berlin, Germany – Nov. 6, 2026 – EPIGAP OSA Photonics GmbH (www.epigap-osa.de), a leading global manufacturer and innovator of custom and standard LEDs and photodetectors, introduces the **OMC-704**, a **Multi-Wavelength High Power LED Module** with user-selectable wavelengths from 365 nm to 2300 nm. Other features include a copper-based substrate and four (4) LED chips (1 mm x 1 mm each) that are individually addressable and can be configured in a monochromatic chip A=B=C=D or multi-wavelength configurations A, B, C, D. With the wide range of wavelengths available, the new **OMC-704** high-power LED modules are ideal for all high-power applications in life sciences, environmental, and medical applications, such as illumination for vision systems, multispectral imaging, protein analysis, drug detection, fluorescence in analyzers, and more.



EPIGAP OSA's innovative device, with an AR-coated glass cover and a black bottom surface for low reflectivity, is designed to operate from the visible to near infrared (NIR) and has a built-in 10K NTC thermistor for temperature control. The **OMC-704** at 450 nm delivers 16W (typical) output at 4A total. It has a standard Molex connector for seamless system integration and 4 mounting holes for secure heat sink attachment and efficient thermal management.

Matthias Gamp, EPIGAP OSA's CEO, remarks, "We are pleased to introduce this unique, high-power, multi-wavelength LED module that permits our customers to choose the wavelengths they need for their specific applications. We'll be presenting this product at the upcoming **Electronica 2026** in Munich, Nov. 10 – 13, 2026 in **Hall B5, Booth 400** and invite you to stop by to learn more. EPIGAP OSA proudly offers complete LED and photodetector solutions and customization, from design and development to prototyping, series production, and supply chain management. We are committed to top-tier quality and customer service, reflecting the highest standards in German engineering. We welcome the opportunity to partner with you for all your LED and photodetector needs."

Commercial quantities are available and pricing is $95 USD at 100 units. For more information, click here to view the **OMC-704** data sheet: https://www.epigap-osa.com/sales/250618_704-Multi-Chip-SMD%20and%20Module.pdf. To learn more about EPIGAP OSA, please visit: **www.epigap-osa.com**.

ABOUT THE COMPANY:

EPIGAP OSA Photonics GmbH (www.epigap-osa.com) is an international supplier of state-of-the-art standard and custom LED chips, surface-mounted LEDs, multi-chip LEDs, customized LED modules, and photodetectors. Based on silicon carbide (SiC), silicon (Si), gallium arsenide (GaAs), and indium gallium arsenide (InGaAs) technologies, the company is a recognized leader in the innovation of photonics and LED solutions for a wide variety of industries including medical, pharmaceutical, commercial, agriculture, industrial sensing, aviation, and defense.

Our company's latest innovation is our broadband conversion SMD LEDs with operating ranges from 400 nm to 1100 nm, making them ideal for critical biomedical applications, hyperspectral imaging tasks, and more. The product series provides an affordable and desirable alternative to aging lamp technologies such as mercury, Xenon, and tungsten-halogen.

Our recently introduced high-power, shortwave infrared (SWIR) LEDs products family features ground-breaking extended operating wavelengths from >1720 nm to 2300 nm and industry-leading output power from 1040 nm to1650 nm. These reliable, long-lifespan, light-emitting devices are ideal for IR imaging applications through fog, dust, and smoke, materials sorting and detection, and non-intrusive imaging that enable discreet biometrics and surveillance tasks.

The complete spectral range of EPIGAP-OSA Photonics group's LEDs operate from ultraviolet (200 nm) out to SWIR (2300 nm) with high stability, durability, and reliability. Customers may select high-efficiency LEDs according to chip size, optical output, and electrical parameters with an accuracy of up to ±3 nm to meet their most demanding specifications.

We are proud to offer custom LED and photodetector services designed to meet or exceed your expectations. Ask about our complete, end-to-end solutions including design and development, prototyping, series production, supply chain management, and comprehensive services from component manufacturing to complex optoelectronic modules.