PHOTONICS spectra®

Featured Article

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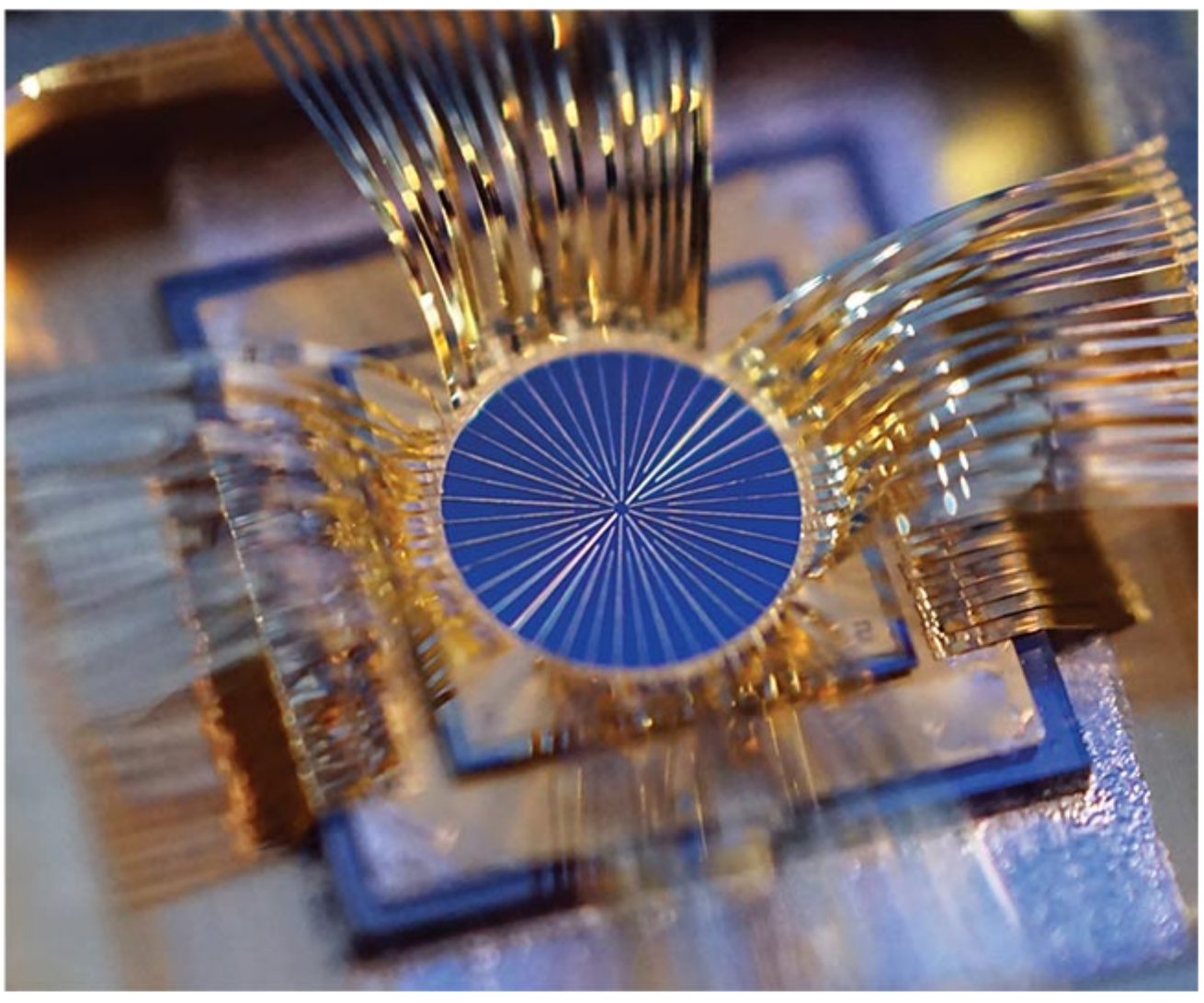
PCSELs May Redefine Diode Lasers in Industry and Lidar



Can diode lasers offer high power — and a good beam profile? Photonic-crystal surface-emitting lasers achieve these qualities and show promise for numerous applications.

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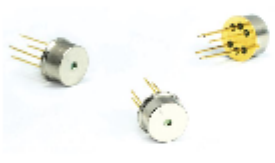
Featured Products



EP760 DFB & VCSEL — Oxygen Sensing

Eblana Photonics Ltd.

Designed for precision gas sensing, Eblana Photonics' 760 nm DFB and VCSEL lasers enable accurate oxygen detection in industrial, medical, and environmental applications. With leading wavelength stability and low power consumption they are ideal for tunable diode laser absorption spectroscopy and OEM integration. Unlock reliable and cost-effective gas analysis—contact us today!

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BrixXHUB Ultra Laser Light Engine

Omicron-Laserage Laserprodukte GmbH

Introducing the BrixXHUB Ultra by Omicron-Laser, a highly integrated plug & play system ideal for widefield laser illumination. With up to 6 lasers and 6 modulation inputs, it offers unparalleled flexibility. Equipped with safety features, accessories, and seamless integration, it ensures optimal performance and adaptability. Contact us to learn more about our laser- and LED-light solutions.

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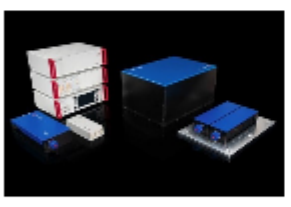

Clock Laser System

Toptica Photonics AG

The CLS from TOPTICA Photonics AG is a clock laser system developed to add stability for quantum computing and optical clock applications. The system is controlled by a single interface that supports full remote operation and can drive the narrow atomic clock transitions of neutral atoms like Yb and Sr, as well as ions such as Yb+, Sr+, Ca+, and Ba+.

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