EXALOS releases NEW TO-830 nm Superluminescent Light Emitting Diode Product Line

Zurich, Switzerland January, 2004. EXALOS AG, a privately held company was founded in June 2003 to develop, manufacture and sell Superluminescent Light Emitting Diodes (SLED) and other optoelectronic devices to the fiberoptic gyroscope, medical imaging, test equipment and sensor industries. The company has its headquarter in the Technopark, Zurich, Switzerland.

The new product EXS8305-8800 is part of EXALOS's family of broadband superluminescent light emitting diodes (SLEDs) for fibre optic telecommunications, instrumentation, optical coherence tomography, structural sensors, and fibre optic gyroscope applications.

The TO-830 nm EXS8305-8800 offers high output power and large bandwidth in a very cost efficient housing. Typical values are 1 mW optical output power and 22 nm bandwidth. The product is delivered in a TO-56 housing with different fibre pigtails, also including multimode and polarization maintaining fibres. The device is based on EXALOS proprietary patent design. First engineering samples have been delivered to key customers**.**

The EXS8305-8800 is part of EXALOS newly released product line EXS830X, which are high-efficiency, 830 nm broadband SLED sources hermetically sealed in different packages like 14-pin butterfly or DIL package with integrated thermoelectric cooler, thermistor and monitor diode. The EXS830X are the broadest bandwidth 830nm SLED's, with up to 40 nm FWHM and up to 20 mW ex-facet power output, offering an excellent combination of optical power and bandwidth. The modules can be supplied with both polarization maintaining (PM) or industry-standard single mode (SM) fibres.

EXALOS has released the highest-power superluminescent light emitting diode (SLED) in commercial volumes. Wavelength ranging from 1200 to 1700 nm and power of up to 60 mW ex-facet, best-in-class performance and largest product range. There is an increasing demand for these SLEDs for optical instrumentation and test equipment in telecommunications industry, medical diagnostics and imaging applications such as optical coherence tomography (OCT) for ophthalmology offering greater penetration depths and fibre optic gyroscopes (FOG) for navigation and photonic sensing with better signal-to-noise ratios allowing also increased responsivities.

EXALOS is serving customers on a worldwide base, in North America, Europe and Asia, for these applications. Currently, EXALOS's products serve more than 100 major customers across a broad spectrum of industries and application space. EXALOS forms part of the approved vendor list (AVL) of many of its clients and has won volume purchase agreements (VPA) with a number of significant customers as vendor of choice.

As the preferred supplier of best price/performance value SLEDs to the world and after its new additions to its product range, EXALOS is poised to significantly increase further its market presence as the global leader. EXALOS is aggressively expanding, and has the right people in the sales and marketing force, to enhance its global presence and to help serve its customers' growing needs worldwide. Plus EXALOS has a competent sales and service partners network in Europe and ASIA.

EXALOS's experts will present and discuss the performance and characteristics of their SLED during Photonics West 2004. See www.exalos.com form more information or contact:

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