MICROSENS expands Portfolio of optical Transceivers

10 Gigabit Multirate XFP-Transceiver

Press-INFO

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Since its release in 2003 the 10 Gigabit Ethernet Standard IEEE802.3ae has established particular in the core switching area. Due to this standard it is possible to connect 10 G Ethernet switches in the backbone effectively.

Beside this the use in local area networks 10 G is also suitable for connections with longer distances, e.g. for campus networks.

For these applications MICROSENS offers the new 10 Gigabit Transceiver for single mode fiber. These new XFP modules are not limited to the 10 Gigabit Ethernet switching therefore they also can be used by telecom providers (SONET/SDH networks) and for computer centres (storage networks).

Thanks to the multirate capability 10 Gigabit Ethernet (10.3 Gbps), OC-192/STM-64 (9.95 Gbps), G.709 (10.7 Gbps) and 10 Gigabit Fibre Channel (10.5 Gbps) are supported.

Depending on the model of the transceiver it is possible to cover distances of up to 80 km. These XFPs are compatible to all devices with XFP slots and can be changed during operation (hot swappable).

The transceivers are having a duplex LC connector and are available with different wavelengths. For single mode applications there are high-grade lasers with 1310 nm (10GBase-L) and 1550 nm (10GBase-E) available. Furthermore there are XFPs for DWDM applications available.

The concept of the XFPs (10 Gigabit Small Form Factor Pluggable) is based on a pluggable optical transceiver solution (optical transmit and receive unit). Thanks to a multisource agreement (MSA) of the manufacturers there is a uniform mechanical and electrical interface defined. And therefore the compatibility between different vendors is given.

This press release, background information and high resolution images are available under:

www.microsens.com **Newslink: 820174**

Short Company Description

MICROSENS is a world leader in production of fiber optic data transmission systems. The companies' expertise covers all applications using fiber optics, ranging from local area networks (LAN), via access networks right up to industrial and metro networks (MAN).

Heavy investments into the latest manufacturing equipment together with most advanced technology guarantee leading edge solutions. MICROSENS offers creative solutions using high quality components in order to meet customer requirements at the highest level in an application orientated and cost effective way.

Since its foundation in 1993, MICROSENS, which is based in Hamm, Westphalia (Germany), has concentrated with increasing success on the development and production of active components for data communication networks.

MICROSENS sells its solutions worldwide via the headquarters and the representative sales offices in France, Poland and Singapore. The product range is sold and supported locally by certified Sales Partners. All delivered products meet international regulations and standards, such as Gigabit Ethernet, SONET/SDH, Fibre Channel etc..

The tremendous growth of the company leads to an international awareness as a manufacturer of active fiber optic systems. Due to the fact that MICROSENS has its own production facilities orders can be processed quickly and efficiently according to the customers requirements.

In autumn 2006 a further step for the future success was made. Due to the investment of the new main shareholder MICROSENS now belongs to the fast growing and high profitable euromicron group, which has a focus on networking and fiber optic technology with its several investments in the IT industry.