



Press Release

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Date: April 28th 2008

IPtronics Samples 12x10G Silicon

IPtronics currently samples silicon for 12 channel parallel optical modules at 10G per channel and beyond...

Roskilde, Denmark April 28th 2008

IPtronics is excited to announce the availability of working silicon for 12 channel applications. IPtronics' state of the art 12 channel VCSEL Driver and TransImpedance amplifier feature the lowest power in the industry for next generation optical parallel transmission modules and active cables.

The chip set from IPtronics enable module manufactures to compete with existing solutions on mainly power dissipation, but also parameters such as cost, weight, and EMI. Compared to copper links system manufacturers will experience power savings of a factor of 10. Compared to existing optical links, system manufacturers can expect 2 to 4 time's lower power than modules currently available in the market place.

"I am pleased to see that we, once again, lead this market place with a solution which, not only has the lowest power, but also is the first to market. Says Jesper Bek, VP of Sales and adds, "Our engagement with key module and systems manufacturers prove that we are on the right path".

This leads to improved system operational expenditure savings as well as capital expenditure savings enabling system manufacturers to go green as well as save money.

The devices are protocol agnostic and can be used in applications such as infiniband DDR & QDR, proprietary links, 40GE & 100GE and much more. Current solutions for high speed optical interconnects have been gated so far by high power silicon and data rates below 2.5Gbps per channel. The devices offered by IPtronics have a wide operating range and thus the same silicon can enable 5G, 6.25, 8.5, 10G, 10.3 and 12.5G rates per channel.

The current 4x10G chip set, IPTA12G011 and IPVD12G011, is fully available. Please contact us for more information, samples and evaluation boards.

The company operates from its headquarters in Roskilde, Denmark and has recently established US operations through IPtronics, Inc. based in Palo Alto, CA.

Please visit www.iptronics.com or contact IPtronics on +45 46 32 84 34 or info@iptronics.com for more information.