

COMPANY PROFILE

Silicon for Optical Interconnects:

IPtronics is a leading supplier of silicon for parallel optical interconnects, a market forecasted to replace electrical high speed connections in next generation computer systems networks and consumer electronics. While we have already created a strong brand, we continuously expand our competitive edge developing high volume solutions for both professional and consumer applications

Short Reach Optical Interconnects:

- Driving a high growth market

IPtronics is strategically focused on Optical Interconnects for the **Computer Communications** market. IPtronics has developed a chip technology that enables low cost, low power and small size optical interconnect solutions that computer manufactures adopt in next generation systems to overcome the physical constraints from using copper-based connections over high speed interfaces and backplanes.

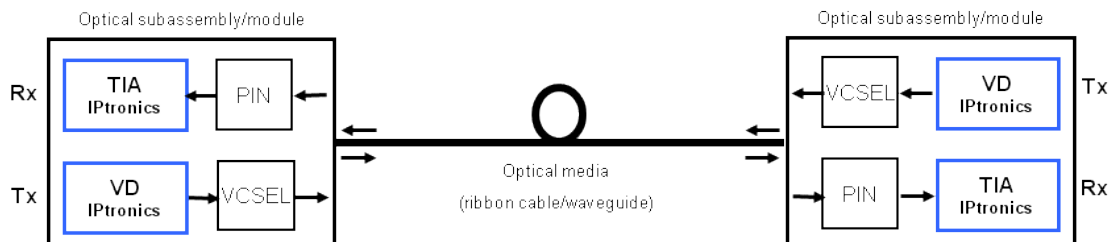
Power consumption remains the paramount challenge for mass deployment of optical interconnects in next generation computer systems and IPtronics holds the key technology to overcome this.

World Leading Performance:

- Features for your next generation module

IPtronics offers devices with leading performance, more specifically **VCSEL Driver (VD) and TIA Arrays with significantly lower power** consumption, richer feature set and low cost compared to existing solutions in the market place today. Furthermore, there is no need for external components resulting in reduced BOM cost.

During 2009 we will be rolling out more products for parallel transmission for the Short Reach Optical Interconnect market. Let us know what you need; we may just have it in the pipeline.



IPtronics Products	4 channel Chip-set	12 channel Chip-set	12 channel Chip-set
Parameter	TIA / VD	TIA / VD	TIA / VD
Bit rate /channel	5 to 12.5 Gbps	5 to 12.5 Gbps	1 to 12.5 Gbps
Total bandwidth	50 Gbps	150 Gbps	150 Gbps
Power consumption	109 mW/ch	109 mW/ch	46 -63 mW/ch
Management I/F	SPI	SPI	I ² C or SPI
Availability	Now	Now	Sampling

■ Technology applied for the above products is BICMOS9 from ST Microelectronics.

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History:

- Our experience – your success

IPtronics A/S was established end 2003 by former Managers, Innovators and Technical Staff from GIGA A/S (sold in 2000 to Intel Corporation for 1.25B USD). The team has a proven track record of leadership, in high speed chip design, as well as building efficient teams and remarkable business results. We are now a larger organization with best in class professionals in all positions, well positioned for growing IPtronics further.

In Feb 2008 we closed 10M USD in series B funding.

Navigating the Value Chain:

- Who are our customers?

Our customers typically supply parallel optical solutions for applications in the super computer space, server applications and routers. More specifically our 4ch solutions are used in Infiniband DDR & QDR QSFP modules, Active Optical Cables, 40gE, video applications and proprietary solutions. Our 12ch solutions cater to SNAP12, CXP, and 100gE. Both product lines are fully available in large volumes. Future products bring even lower power and applications for the consumer space...

We regard the leading server, supercomputer and router manufacturers as our customers as well. Typically, their pains translate to module manufacturers' specifications. Therefore by working with co-travellers such as VCSEL vendors, PD manufacturers, contract manufacturers as well as system manufacturers we get a head-start in understanding technical requirements – and thereby play a vital role as partners and influencers rather than a mere chip supplier.

To quote Darryl Inniss, Ovum: "... IPtronics is emerging as a competitive merchant IC supplier. IPtronics sells low power laser driver and receiver amplifiers. Its presence decreases some of the advantages of the vertically integrated companies".

Strong Supply Chain:

- The flexibility of a start up combined with stability of a top5 silicon supplier

Production has been outsourced to **STMicroelectronics**, a major semiconductor manufacturer and a leader of the relevant technology. STM has certified IPtronics as a design center based on a unique partnership agreement and will guarantee IPtronics' customers production capacity.

Customer Orientation:

- We are one team with a common goal

With a **global presence in key markets** combined with **strong technical support**, we can help our customer achieve successful end products. Whether you are based in US, Japan, Korea or Europe you will find strong support in your own language and time zone. See www.iptronics.com for the office near you.

You will find a highly qualified partner for increased competitive advantage in IPtronics by tapping into our unmatched engineering competence, high volume/low cost supply capability as well as competitive cost levels.

Please visit www.iptronics.com or contact sales@iptronics.com for more information.

