

COMPANY PROFILE

Silicon for Optical Interconnects:

IPtronics is a leading supplier of silicon for parallel optical interconnects, a market well on the way to replacing electrical high speed connections in Data Centers and Consumer Electronics. Based on 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

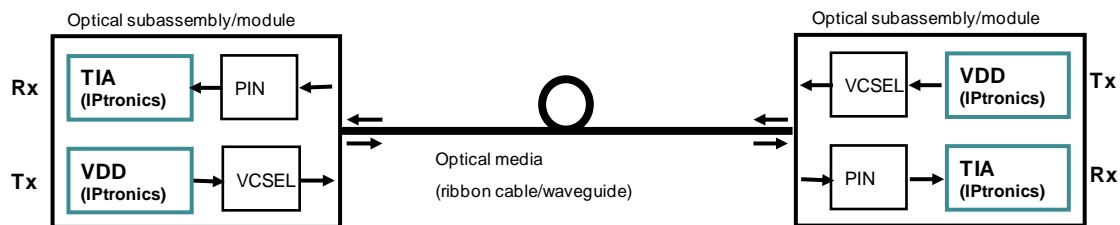
IPtronics is strategically focused on Optical Interconnects for the **Computer Communications** market. IPtronics has developed a chip technology that enables low cost, low power and small size optical interconnect solutions that computer manufactures adopt in next generation systems to overcome the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

Power consumption and cost remain the paramount challenges for mass deployment of optical interconnects in next generation computer systems and IPtronics offers 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 (VDD) and TIA Arrays with significantly lower power** consumption, richer feature set and low cost compared to existing solutions in the market place today. With a roadmap to higher speeds and new applications, we will be rolling out more products for parallel transmission for the Short Reach Optical Interconnect market in the near future. Let us know what you need; we may just have it in the pipeline.



	IPxx12G011	IPxx3x4	IPxx12x12	IPxx10G2CS
Function	TIA/VDD Array	TIA/VDD Array	TIA/VDD Array	TIA/VDD Array
Channels	4	12	12	2
Bit Rate/Channel	5 to 12.5 Gbps	5 to 12.5 Gbps	1 to 12.5 Gbps	5 to 10.3 Gbps
Total BW	50 Gbps	150 Gbps	150 Gbps	20.6 Gbps
Power	109 mW/ch	109 mW/ch	46-63 mW/ch	µW - 75 mW/ch
Availability	Production	Production	Pre-production	Samples

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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 in leadership, in high speed chip design, as well as building efficient teams and remarkable business results. We are now a solid 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 4 channel solutions are widely used in Infiniband DDR & QDR QSFP modules and Active Optical Cables, 40gE and proprietary solutions. Our 12 channel solutions cater to SNAP12, CXP, CFP and 100gE. Both product lines are fully available in large volumes. Future products bring even lower power, faster channel rates and applications for the consumer space.

We work closely with all companies in the value chain, including the end-users who typically are leading manufacturers of servers, high performance computers and servers.. Therefore by working with partners 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”.

Geared for Mass Production:

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

Our foundry partner is **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. As an industry first, IPtronics offered devices with solder bumps addressing a need for high volume and good signal integrity.

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.