

## **StrataLight develops SiGe Multiplexer IC for 100GE transponders**

*136 Gbps capability allows for transport of OTU-4 and Next Gen FEC overhead*

LOS GATOS, CA – June 23, 2008 StrataLight Communications, the leader in commercial deployment of 40Gbps optical transmission subsystems, announced today that it has developed a Silicon Germanium (SiGe) chipset for use in its internal 100GE DWDM transponder development.

The chip development is enabled by StrataLight's in-house technology expertise in mixed signal ASIC design, high speed RF inter-connect and transponder sub-system integration. The multiplexer chip has been successfully tested at bit rates from 112Gbps to 136Gbps and is required to drive the line side optical interface of their 100GE DWDM transponder. It will carry 100GE IP payload in an OTU4 frame and next generation Forward Error Correction overhead.

"Carriers continue to see strong IP network growth driven by internet and video services. StrataLight is investing significant capital to develop core technology for 100GE sub-systems that will allow carriers to increase fiber capacity while leveraging their existing fiber infrastructure" said Shri Dodani, President and CEO of StrataLight Communications.

### **About StrataLight**

Located in the heart of the Silicon Valley in the San Jose Bay Area in California, StrataLight Communications is the leader in commercial deployment of ultra high capacity optical transmission sub-systems with line rates in excess of 40Gbps. StrataLight Communications enables service providers to address the growing demand for bandwidth driven by IP converged services using their existing fiber network infrastructure. Our products are sold to service providers by optical networking OEM partners. For more information, please visit [www.StrataLight.com](http://www.StrataLight.com).

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