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Inphi Corporation Launches Industry's Highest Performing Transimpedance Amplifier/Limiting Amplifier

New TIA/LIA is the industry's least sensitive to cross talk between transmitters and receivers, ensuring optimal communications services.

WESTLAKE VILLAGE, Calif., March 26, 2007 – Inphi Corporation (www.inphi-corp.com), known for the world's highest performing ICs that are widely used in demanding communication and computing systems, today introduced the 1347TL 11.3 Gbps Transimpedance Amplifier (TIA)/Limiting Amplifier (LIA). This device has the highest stressed receiver sensitivity, lowest cross talk, highest gain, and lowest power for 1310-nm/1550-nm 10G-Ethernet and 10G-SONET optical communications.

“As the industry moves to the smaller form factor modules such as XFP and SFP+, low cross talk and lower power consumption become critically important,” said Dr. Loi Nguyen, founder and vice president of technology for Inphi Corporation. “The new 1347TL, like all of Inphi’s TIAs, are the least sensitive to cross talk between transmitters and receivers and consume the least amount of power of any device in the industry.”

For 10G-Ethernet applications, stressed receiver sensitivity is an important consideration as it assures “plug and play” and full compliance with IEEE 802.3ae standards over all operating conditions. The measured stressed receiver sensitivity of the 1347TL is better than -15 dBm (OMA) for 10GBASE-ER stress conditions exceeding the requirement by nearly 4 dB, offering the highest margin in the market. This margin directly contributes to higher manufacturing yield and lower cost for manufacturers of receivers.

(more)

Inphi Debuts 1347TL
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Pricing and Availability

The 1347TL-S02D is currently shipping in pre-production quantities and full production is expected to begin in Q2, 2007.

About Inphi Corporation

Inphi Corporation designs and develops integrated circuits that consistently deliver the industry's highest performance and best signal integrity for processing high-speed digital data in computing and communications systems. The company is rapidly becoming the number one supplier of timing devices and PMD for optical communications delivering the world's highest performing components. Leading corporations rely on Inphi for components that transport, store, deliver, and test high-speed data for the world's most innovative high-performance communications and computing systems. Inphi is recognized as a global technology leader for its innovative designs, dedication to the development of open standards, and excellence in R&D. Additional information about the company can be found at www.inphi-corp.com.

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