



Civcom Selects AMCC's S19250 Transceiver For Small Form Factor 10-Gigabit MSA Transponders

Leading optical transceiver provider chooses PHY technology in long reach DWDM applications

SUNNYVALE, Calif. – Oct. 21, 2008 – Applied Micro Circuits Corporation [NASDAQ: AMCC], a global leader in optical transport, embedded Power Architecture® processing and storage solutions, announced today that Civcom, a leading technology developer and manufacturer of opto-electronic components, modules and subsystems, has selected AMCC's S19250 Transceiver device for its Small Form Factor (SFF) 10-Gigabit Multi-Service Agreement (MSA) Transponders.

AMCC's S19250 Transceiver chip is a fully integrated serialization/de-serialization SONET STS-192/OTU-2/10 GB Ethernet/Fiber Channel transceiver with Electronic Dispersion Compensation (EDC) capability. The device not only can operate in a wide range of data rates while meeting stringent telecom jitter requirement but it can also compensate for channel impairments caused by Single Mode Fiber (SMF) with relatively low power consumption. The AMCC chip performs all necessary parallel-to-serial and serial-to-parallel functions in conformance with SONET/SDH/OTN, 10 Gigabit Ethernet (10GbE) and 10 Gigabit Fibre Channel (10 G FC) transmission standards.

"AMCC's S19250 provides the features, integration, and functions we require for Civcom's new family of Free Light DWDM equipment," said Yair Itzhar, VP of Marketing & Sales at Civcom. "AMCC's S19250 empowers us to deliver cost-effective SFF MSA compliant products with high-performance, high reliability and high availability. Integrating this device into our tunable SFF transponders enables Civcom to provide our customers with everything they need to build the best carrier and enterprise network solutions for a wide variety of applications."

Civcom's new line of Tunable SFF 10G 300PIN MSA transponders are designed for long-reach DWDM applications and expand upon the company's existing Free Light™ family of tunable transponders, offering equipment manufacturers the high performance they require in a cost-effective SFF device. Civcom's 10G SFF interface is compatible with the 300-pin MSA and I²C interface. The SFF transponder uses a widely tunable laser covering the entire C-Band over distances up to 80 kilometers. Availability in either a Lithium Niobate or Indium Phosphide modulator gives manufacturers the flexibility to choose optimal solutions based on customer needs.

"We are pleased to have been selected by Civcom for their new advanced SFF MSA tunable transponder. Civcom is clearly a strong driver in the tunable transponder market and the S19250 enables their new SFF MSA products to deliver high-performance and flexibility for their customers," said Neal Neslusan, Director of Marketing at AMCC. "Customer wins of this nature validate the leadership position of AMCC's transport product

line and the investments AMCC is making to develop the critical PHY technologies to enable cost effective solutions at 10G and beyond.”

For more information on AMCC transport products, visit <http://www.amcc.com/products/transport.html>.

About AMCC

AMCC provides leadership semiconductor solutions to process, transport, and store digital information for the world's wired and wireless networks. As a leading supplier of Power Architecture® based processors and with world-class expertise in SONET and Ethernet protocol processing and PHY technology and Storage processors and RAID controllers, our products are the foundation of the IP Communications Revolution. AMCC's 3ware® SAS and SATA RAID controllers deliver cost-effective, high-performance, high-capacity storage for enterprises and consumers worldwide in applications like disk-to-disk backup, near-line storage, network-attached storage (NAS), video, and high-performance computing. For further information regarding AMCC, please visit our website at www.amcc.com.

About Civcom

Civcom, acquired by Padtec of Brasil in February 2008, is a pioneer in the development and manufacturing of cost-saving dynamic Opto-electronic components, modules and sub-systems, specializing in the field of 10Gbps and 40Gbps Telecom applications. Founded in 2000, with HQ and sales office in Israel, Civcom leads the way in the field of dispersion tolerance transmission providing solution for some of the most progressive tunable transponders.

Civcom's Free-Light line of products consists of Civcom's 300PIN MSA widely tunable 10Gbps transponders, based on industry's highest performing widely tunable laser technology, coupled with Civcom's expertise in electro-optic integration, most advanced dispersion compensation technologies and tunable laser control algorithms. Civcom's transponders integrate with Optical DuoBinary and Optical Dispersion Compensation, allowing a wide range of applications for networks reaching from 80km – up to 350km. For additional information about Civcom, visit www.civcom.com

Forward Looking Statements

This press release contains "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements may be identified by words such as expects, anticipates, plans, believes, estimates, will or words of similar meaning. Such forward-looking statements, including statements relating to the products discussed in this press release, are subject to a number of risks and uncertainties, including the risk that the products may not be successfully or timely developed, completed or manufactured or achieve market acceptance, risks relating to general economic conditions, as well as the risks and uncertainties set forth in the Company's Annual Report on Form 10-K, and other SEC filings. Actual results may differ materially from these statements. The forward-looking statements contained in this press release are made as of the date hereof and AMCC does not assume any obligation to update any forward-looking statement.

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