

Leading Optical Device Manufacturers Release Common Specifications for 40 Gbit/s Solutions Based on XLMD Optical Device Multi-Source Agreement

Multi-Source Agreement Enables Multiple Vendors to Produce 40 Gbit/s Optical Devices Based on a Unified Standard

TOKYO, JAPAN & SAN DIEGO, CA: February 21, 2008 – Eudyna Devices Inc., Mitsubishi Electric Corp., NEC Electronics Corp., Oki Electric Industry Co., Ltd., Opnext Inc. and Sumitomo Electric Industries, Ltd., today announced, in advance of OFC/NFOEC, common specifications for pigtail type optical devices based on the 40 Gbit/s Optical Device Multi-Source Agreement (XLMD-MSA^{*1}), introduced by the six companies in March 2007.

The newly available XLMD-MSA specifications detail the external-modulation laser transmitter devices with built-in driver ICs and the PIN-TIA^{*2} receiver devices that comply with 40 Gbit/s interface standard for SONET OC-768^{*3}.

10 Gbit/s optical transmission interfaces are widely deployed in Metropolitan Area Networks (MAN), Local Area Networks (LAN) and Storage Area Networks (SAN). These networks currently form the backbone of broadband infrastructure, consequently increasing the popularity of 40 Gbit/s optical transmission interfaces. The XLMD-MSA aims to establish compatible sources of 40 Gbit/s optical transmitter and receiver devices embedded into the 40 Gbit/s optical transceiver modules. This agreement will accelerate the growth of the 40 Gbit/s transceiver module market, providing advanced solutions to high capacity network and storage systems. All members will promote the MSA-compliant products in order to achieve consistent customer delivery and market growth.

The XLMD-MSA specifications for compatible optical devices include:

- Mechanical dimensions and pin assignments of pigtail type optical devices
- High speed electrical interface using a dual SMPM^{*4} connectors
- Optical and electrical characteristics

The specifications are now available at the XLMD-MSA web site.

URL : <http://www.xlmdmsa.org/>

In accordance with the future standardization of 40Gbit/s pluggable optical transceivers, the XLMD-MSA committee will continue to discuss the corresponding optical device specifications.

Notes:

- 1) XLMD-MSA: 40Gbit/s Miniature Device Multi Source Agreement among Eudyna Devices Inc., Mitsubishi Electric Corp., NEC Electronics Corp., Oki Electric Industry Co., Ltd., Opnext Inc. and Sumitomo Electric Industries, Ltd, effective from March 2007.
- 2) PIN-TIA: PIN photodiode with a trans-impedance amplifier.
- 3) SONET OC-768: SONET is synchronous optical networking. OC-768 is a network line with 40Gbit/s transmission rate.
- 4) SMPM: Small-sized coaxial connectors specified in MIL-STD-348A, such as GPPO™. GPPO™ is a trademark of Corning Gilbert Inc.

About MSA Members

About Eudyna Devices Inc.

Founded in 2004, Eudyna Devices Inc. is the worldwide leader in compound semiconductor device businesses. Eudyna Devices Inc. carries out every step involved in the development, manufacture and sale of optical semiconductors, microwave semiconductors, -all based on state-of-the-art technology.

Eudyna Devices Inc. will continuously support its former customers of Fujitsu Quantum Devices Ltd. (FQD) and Electron Device Department of Sumitomo Electric Industries Ltd. (SEI-EDD) in terms of the products which have been supplied by those organizations. Furthermore, we will provide new devices and components which can contribute to a bright, prosperous, and healthy future society, especially in expanding the broadband network community, as a result of integration of both companies' technological capabilities. More information about Eudyna Devices Inc. can be found at: <http://www.eudyna.com>

About Mitsubishi Electric Corp.

With over 80 years of experience in providing reliable, high-quality products to both corporate clients and general consumers all over the world, Mitsubishi Electric Corporation (TSE: 6503) is a recognized world leader in the manufacture, marketing and sales of electrical and electronic equipment used in information processing and communications, space development and satellite communications, consumer electronics, industrial technology, energy, transportation and building equipment. The company recorded consolidated group sales of 3,855 billion yen (US\$ 32.7billion*) in the fiscal year ended March 31, 2007. For more information visit <http://global.mitsubishielectric.com>

*At an exchange rate of 118 yen to the US dollar, the rate given by the Tokyo Foreign Exchange Market on March 31, 2007.

About NEC Electronics Corp.

NEC Electronics Corporation (TSE: 6723) specializes in semiconductor products encompassing advanced technology solutions for the high-end computing and broadband networking markets, system solutions for the mobile handsets, PC peripherals, automotive and digital consumer markets, and multi-market solutions for a wide range of customer applications. NEC Electronics Corporation has 25 subsidiaries worldwide including NEC Electronics America, Inc. (www.am.necel.com) and NEC Electronics (Europe) GmbH (www.eu.necel.com). For additional information about NEC Electronics worldwide, visit www.necel.com.

About Oki Electric Industry Co., Ltd.

Founded more than a century ago in 1881, Oki Electric Industry Co., Ltd. (TSE:6703) is Japan's first telecommunications manufacturer, with its headquarter in Tokyo, Japan. With the corporate vision, "Oki, Network Solutions for a Global Society," Oki Electric provides top-quality products, technologies and solutions to its customers through its telecommunications systems, information systems and electronic devices segments. All three segments are integrated into one effective organization that functions as a collective force to create exciting new products and technologies, including information and telecom converged solutions. Through its business activities, Oki Electric satisfies a spectrum of customer needs in various markets. Visit Oki's global web site at <http://www.oki.com/>.

About Opnext, Inc.

From the latest communications networks to new security systems, and from major advances in medical systems to high-demand consumer electronics, Opnext (NASDAQ: OPXT) laser technologies add the spark of innovation to a world of new applications. The Company's industry expertise, future-focused thinking and commitment to research and development combine in bringing to market solutions that are ready for the next generation of laser-based products. Formed out of Hitachi, Opnext has built on more than 30 years experience of advanced technology to establish its broad portfolio of solutions and solid reputation for excellence in service. For additional information, visit www.opnext.com.

About Sumitomo Electric Industries, Ltd.

Sumitomo Electric Industries, Ltd. (SEI)(TOKYO:5802)(ISIN:JP3407400005) designs, manufactures and sells optical fiber, cable and components, advanced electronic devices, and automotive parts. Through a successful strategy of research and diversification, SEI has become one of the world's leading companies at the forefront

of the revolution in information and communications. The company has operations around the world in more than 30 countries and employs 130,000 people. SEI reported group net sales of \$20 billion for the year ended March 2007.

<http://www.sei.co.jp/index.en.html>

MSA Contacts

Eudyna Devices Inc.

Hideki Machida

+81-55-275-4411

E-mail: xlmdmsa@eudyna.com

Mitsubishi Electric Corp.

Hitoshi Watanabe

+81-72-780-3871

E-mail: XLMDMSA@ns.MitsubishiElectric.co.jp

NEC Electronics Corp.

Hiroshi Nakano

+81-44-435-1566

E-mail: xlmdmsa@ml.necel.com

Oki Electric Industry Co., Ltd.

Yasunari Mizuguchi

+81-426-62-6761

E-mail: mizuguchi236@oki.com

Opnext, Inc.

Masanobu Okayasu

+81-45-865-7033

E-mail: xlmdmsa@opnext.com

Sumitomo Electric Industries, Ltd.

Yutaka Matsumura

+81-6-6466-7944

E-mail: ymatsu@sei.co.jp

Media Contacts

Eudyna Devices Inc.

Hideyuki Tanaka

+81-45-853-8150

E-mail: www-pr@eudyna.com

Mitsubishi Electric Corp.

Yurika Fujimoto

+81-3-3218-3380

E-mail: prd.gnews@nk.MitsubishiElectric.co.jp

NEC Electronics Corp.

Sophie Yamamoto

+81-44-435-1676

E-mail: sophie.yamamoto@necel.com

Oki Electric Industry Co., Ltd.

Ichiro Kanayama

+81-3-3580-8950

E-mail: press@oki.com

Opnext, Inc.

Rebecca B. Andersen

+1-732-544-3338

E-mail: randersen@opnext.com

Sumitomo Electric Industries, Ltd.

Yoriaki Ikeda

+81-3-3423-5234

E-mail: www@prs.sei.co.jp