

**JOINT NEWS RELEASE
(For Singapore Distribution Only)**

**IME and Finisar to Jointly Develop High-Speed
Plastic Optical Fiber Technology**

Singapore, 27 May 2008 – IME and Finisar Corporation (NASDAQ: FNSR) today announced a research collaboration between the Institute of Microelectronics (IME), a research institute of the Agency for Science, Technology and Research (A*STAR), and Finisar Singapore Pte Ltd, a technology leader for fiber optic subsystems and network performance test systems. The two companies will jointly develop plastic optical fiber (POF) technology targeting ultra-fast, short-distance data communications at speeds of up to 2.5 Gbps.

POF is gaining interest as a low-cost alternative for industrial, office, home and automotive networks. POF combines the advantages of optical fibers with the ease of installation of copper wires. It is low-cost, light weight, high speed and immune to electromagnetic interference. According to market research by Information Gatekeepers Inc., the POF market for data communications is projected to grow from US\$1 billion in 2006 to over US\$1.7 billion by 2010.

Until recently, POFs were limited in both transmission speed and distance. Equipment for speeds of up to 400 Mbps and 50 meters using step index PMMA fibers are readily available today and meet most needs in industrial and consumer electronics applications. New graded index POFs make it possible to increase the speed to over 1 Gbps which is suitable for applications such as gigabit Ethernet and digital video interface.

In this research project, the first between IME and Finisar, the team will develop a prototype of a plastic optical transceiver module which provides high bandwidth and signal transmission (at 2.5 Gbps) over short distances (less than 10 meters).

“Home networking technology is a fast growing market segment,” said Professor Kwong Dim-Lee, Executive Director of IME. “However, the most cost-effective means for bringing high bandwidth services to the mass has not yet emerged. With this research, the potential for a truly low-cost, user friendly transmission media is now within our grasp.”

Mr. David Harrison, GM & VP of Finisar Singapore Pte Ltd, agreed, saying, “The synergies that IME and Finisar bring to this project should advance POF science, making it an important contributor to the deployment of broadband worldwide.”

Notes to the Editor:

About Agency for Science, Technology and Research (A*STAR) www.a-star.edu.sg

The Agency for Science, Technology and Research, or A*STAR, is Singapore's lead agency for fostering world-class scientific research and talent for a vibrant knowledge-based Singapore.

A*STAR actively nurtures public sector research and development in Biomedical Sciences, Physical Sciences and Engineering, with a particular focus on fields essential to Singapore's manufacturing industry and new growth industries. It oversees 14 research institutes and supports extramural research with the universities, hospital research centres and other local and international partners.

At the heart of this knowledge intensive work is human capital. Top local and international scientific talent drive knowledge creation at A*STAR research institutes. The Agency also sends scholars for undergraduate, graduate and post-doctoral training in the best universities, a reflection of the high priority A*STAR places on nurturing the next generation of scientific talent.

About Institute of Microelectronics (IME) www.ime.a-star.edu.sg

The Institute of Microelectronics (IME) is a research institute of A*STAR. Positioned to bridge the R&D between academia and industry, IME's mission is to add value to Singapore's semiconductor industry by developing strategic competencies, innovative technologies and intellectual property; enabling enterprises to be technologically competitive; and cultivating a technology talent pool to inject new knowledge to the industry. Its key research areas are in integrated circuits design, advanced packaging, bioelectronics, SAM, nanoelectronics and photonics.

About Finisar www.finisar.com

Finisar Corporation (NASDAQ: FNSR) is a global technology leader for fiber optic components and subsystems and network test and monitoring systems. These products enable high-speed voice, video and data communications for networking, storage and wireless applications over Local Area Networks (LANs), Storage Area Networks (SANs), and Metropolitan Area Networks (MANs) using Ethernet, Fibre Channel, IP, SAS, SATA and SONET/SDH protocols.

Finisar Singapore Pte Ltd was formed in January 2001. Its operations include research and development activities in the areas of fiber optic transceivers and network tools, as well as test systems development.

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The statements contained in this press release that are not purely historical are forward-looking statements within the meaning of Section 21E of the Securities Exchange Act of 1934, as amended, including statements regarding Finisar's expectations, beliefs, intentions, or strategies regarding the future. All forward-looking statements included in this press release are based upon information available to Finisar as of the date hereof, and Finisar assumes no obligation to update any such forward-looking statements. Forward-looking statements involve risks and uncertainties, which could cause actual results to differ materially from those projected. These risks include those associated with the rapidly evolving markets for Finisar's products and uncertainty regarding the development of these markets; Finisar's historical dependence on sales to a limited number of customers and fluctuations in the mix of customers in any period; ongoing new product development and introduction of new and enhanced products; the challenges of rapid growth followed by periods of contraction; and intensive competition. Further information regarding these and other risks relating to Finisar's business is set forth in Finisar's Annual Report on Form 10-K and other interim reports as filed with the Securities and Exchange Commission.

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