

CYPRESS/LEXMARK TO DISPLAY 66-MHz, TWO-LAYER BOARD AT EMC SYMPOSIUM

Cypress's EMI Suppression Technology Enables Cost Breakthrough

San Jose, Calif., July 30, 1999 – Cypress Semiconductor (NYSE:CY) and Lexmark International (NYSE:LXX) today announced that they will be displaying a Lexmark Optra Se 3455 Laser Printer with a 66-megahertz data bus on a two-layer PCB board. Cypress and Lexmark will be exhibitors at the IEEE EMC Symposium, August 2 through August 5 in Seattle, Washington.

Cypress will display its EMI-reducing Frequency Timing Generators in booth number 227, and Lexmark will feature Spread Spectrum Clock Generation technology in booth number 238.

Historically, systems utilizing a 66-MHz data bus required anywhere from four- to six-layer boards. Multi-layered boards were always needed to provide proper grounding for high-frequency, high-energy emitting designs and to ensure EMI suppression. Using Spread Spectrum technology patented by Lexmark and implemented by Cypress in its PREMIS™ products, Lexmark was able to go from a four-layer board to a two-layer board, significantly reducing the cost of the system. The spread spectrum technology reduces EMI energy by minimizing peak energy emitting points.

“Designing this board so that it passed the FCC tests and functioned properly was not a trivial matter,” said Dr. Keith Hardin, EMC engineer at Lexmark International. “While it was not the only important factor, the spread spectrum timing technology implemented in FTGs by Cypress was an absolute necessity to making it successful.”

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Press Release

Cypress/Lexmark demonstrate 2 layer board at IEEE Symposium– Page 2

“Spread Spectrum Technology was adopted most rapidly by the PC market. However, there are many embedded computers, like those in laser printers, scanners, copiers, video games, and personal digital assistants (PDA), that are also rapidly increasing in performance and therefore generate increasing levels of electromagnetic interference,” said Ian Chen, marketing director of Cypress's Timing Technology Division. “Our PREMIS™ (Peak Reducing EMI Solution) family is helping designers to continually deliver increasing performance without the high cost and efforts related to EMI containment.”

Cypress's Frequency Timing Generators provide a proven and cost-effective method to reduce the peak EMI emissions at every harmonic simultaneously. Incorporating the most recent proprietary advances in the Spread Spectrum Timing Technology, including technology licensed to Cypress by Lexmark, Cypress's Frequency Timing Generators provide optimum effectiveness by reducing EMI at its origin in the system timing path.

Cypress Semiconductor Corporation, headquartered in San Jose, California, provides a broad range of integrated circuits for leading computer, networking, and telecommunications companies worldwide. Cypress's products include static RAM and specialty memories, programmable logic devices (PLDs), data communications products, timing devices, and USB microcontrollers. Its shares are listed on the New York Stock Exchange under the symbol CY, and its website is <http://www.cypress.com>.

Lexmark International, Inc. is a global developer, manufacturer and supplier of printing solutions and products, including laser, inkjet and dot matrix printers and associated consumable supplies for the office and home markets. The company is a wholly owned subsidiary of Lexmark International Group, Inc. (NYSE: LXX). Lexmark is on the internet at www.lexmark.com.

"Safe Harbor" Statement under the Private Securities Litigation Reform Act of 1995: Statements herein that are not historical facts are "forward-looking statements" involving risks and uncertainties. Please refer to Cypress's Securities and Exchange Commission filings for a discussion of such risks.

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Note: PREMIS is a trademark of Cypress Semiconductor Corp.