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Microchip Strengthens Parallel Flash Memory Portfolio with High-Speed, Low-Power Devices

New 4 Mbit (x16) Multipurpose Flash Plus Devices Deliver Low Power, Small Footprint, and Impressive Program and Erase Speed for Demanding NOR Flash Applications

CHANDLER, Ariz.--(BUSINESS WIRE)-- Microchip Technology Inc. (NASDAQ: MCHP), a leading provider of microcontroller, analog and Flash-IP solutions, today expanded its comprehensive Multi-Purpose Flash Plus (MPF+) portfolio with the debut of four new compact 512K x16 [Parallel Flash](#) CMOS devices: the SST39VF401C, SST39F402C, SST39LF401C and the SST39LF402C. Manufactured with high-performance CMOS [SuperFlash®](#) technology, these compelling low-power, 2.7-3.6V, x16 Parallel NOR Flash devices boast a split-gate design and thick-oxide tunneling injector for superior reliability and design simplicity. All four devices help reduce engineering design cycles, and improve overall product performance and responsiveness, which enables a better end-user experience.

Rich in advanced features, the SuperFlash technology featured within the SST39VF401C/402C and SST39LF401C/402C guarantees fixed program and erase times that do not deteriorate over time. Ideal for consumer electronics, industrial devices, automotive, telecommunications equipment and embedded systems requiring low-cost and versatile updating of program or data memory, the devices deliver active current as low as 5 mA (typical) and standby current of 3 microamperes (typical) to extend battery life in accessories, sensors and battery-operated equipment.

“The addition of the SST39VF40XC and SST39LF40XC product families to Microchip’s portfolio underscores our commitment to the development of advanced memory technology and products,” said Randy Drwinga, vice president of Microchip’s SuperFlash Memory Division. “We’re extending our high-performance memory leadership with easy-to-use, affordable solutions that encourage high-performance, innovative designs for a wide spectrum of applications.”

Pricing and Availability

The SST39VF40XC devices start at \$0.69 each in 10,000-unit quantities. The devices are available in 12 mm x 20 mm 48-lead TSOP, 6 mm x 6 mm, 0.8 mm pitch 48-ball TFBGA, and 4 mm x 6 mm 0.5 mm pitch 48-ball WFBGA packages.

Samples and volume production are available today. For additional information, contact any Microchip sales representative or authorized worldwide distributor, or visit Microchip’s Web site at <http://www.microchip.com/get/3UTX>. To purchase products mentioned in this press release, go to [microchipDIRECT](#) or contact one of Microchip’s authorized distribution partners.

About Microchip Technology

Microchip Technology Inc. (NASDAQ: MCHP) is a leading provider of microcontroller, analog and Flash-IP solutions, providing low-risk product development, lower total system cost and faster time to market for thousands of diverse customer applications worldwide.

Headquartered in Chandler, Arizona, Microchip offers outstanding technical support along with dependable delivery and quality. For more information, visit the Microchip website at <http://www.microchip.com/get/E6DF>.

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