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Microchip Expands Parallel Flash Memory Portfolio with Ultra-Compact Devices

Compact, Low-Power Devices Meet Demanding NOR Flash Market Requirements

CHANDLER, Ariz.--(BUSINESS WIRE)-- Microchip Technology Inc. (NASDAQ: MCHP), a leading provider of microcontroller, analog and Flash-IP solutions, today announced an expansion of its Multi-Purpose Flash Plus (MPF+) memory portfolio, with the introduction of the **SST39VF80XC** and **SST39VF160XC**. The SST39VF80XC offers 8 Mbit of memory, while the SST39VF160XC offers 16 Mbit of memory. Manufactured with high-performance CMOS SuperFlash® technology, these low-power, 3V, x16 parallel NOR Flash devices feature active current as low as 5 mA (typical) and standby current of 3 microamperes (typical). Besides offering exceptional reliability, these devices feature fixed program and erase times that do not deteriorate over time. The SST39VF80XC offers fast, 7 microseconds program time (typical) and access times of 55 ns and 70 ns.

Both devices offer industry-compatible command sets, and are ideal for use in applications such as **consumer electronics** (e.g. Bluetooth® headsets, camera modules and gaming peripherals), **automotive** (e.g. car infotainment) and **industrial** (e.g. printers, alarms and meters). For applications that require reliable, low-power memory in compact packages, these new MPF+ devices are also available in an ultra-compact, 4 mm x 6 mm, 48-pin WFBGA package, which is the industry's smallest footprint for packaged devices, in these densities.

"These new MPF+ products demonstrate our commitment to expanding our NOR Flash portfolio," said Randy Drwinga, vice president of Microchip's SuperFlash Memory Division. "These devices give our customers the small size, low power consumption and high performance NOR Flash they require for their applications."

Packaging, Pricing and Availability

The **SST39VF80XC** starts at $0.68 each, in a 6 mm x 8 mm 48-pin BGA package, in 10,000-unit quantities. The device is also available in 4 mm x 6 mm 48-pin WFBGA and 12 mm x 20 mm 48-pin TSOP packages. The **SST39VF160XC** starts at $0.98 each, in a 6 mm x 8 mm 48-pin BGA package, in 10,000-unit quantities. The device is also available in 4 mm x 6 mm 48-pin WFBGA and 12 mm x 20 mm 48-pin TSOP packages.

Samples are available today, at **http://www.microchip.com/get/RS11**. Volume-production quantities can be ordered today at **http://www.microchip.com/get/AUB7**. For additional information, contact any Microchip sales representative or authorized worldwide distributor, or visit Microchip's Web site at **http://www.microchip.com/get/T61M**. 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/WK6N**.

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Tags / Keywords: SuperFlash, memory, parallel NOR Flash, NOR, MPF+, CMOS SuperFlash, multi-purpose Flash plus, high-performance, ultra-compact, small size, low power, faster program times, 4mm x 6mm 48-pin WFBGA, 8Mb NOR Flash, 16 Mb NOR flash, SST

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Microchip Technology Inc.
Editorial Contact:
Michelle Ragsdale, 480-792-4111
michelle.ragsdale@microchip.com
Reader Inquiries:
1-888-624-7435
http://www.microchip.com/get/T61M

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