Serial Flash-Memory Device Supports Low-Power Electronics

Microchip Technology Inc. today announced the SST25WF080 serial Flash-memory device?the newest member of the 25 series Serial Flash (SPI) memory family based on Microchip's proprietary SuperFlash Technology. The low-voltage (1.8V), 8 Mbit device features extremely low standby power consumption of just 5 microamperes, active read current of 2 mA (typ., at 33 MHz) and is the highest-density product in the 25 series 1.8V Serial Flash (SPI) family.

Featuring a 75 MHz clock frequency and operating temperature range of -40° to +85° Celsius, the device supports the latest generations of low-power electronic devices, such as tablet computers, hard-disk drives, Bluetooth headsets, Wi-Fi and wireless-control devices, as well as camera modules.

"Microchip is now the only company in the industry to offer a full 1.8V serial Flash memory product portfolio, with densities ranging from 512 Kbit to 8 Mbit," said Randy Drwinga, vice president of Microchip's Memory Products Group. "With its low power consumption and high-speed clock, the device enables longer battery life and extremely responsive systems in today's consumer electronic devices."

Packaging, Pricing & Availability
The SST25WF080 device is available in an 8-pin SOIC package for $0.95 each, in 10,000-unit quantities; and also in an 8-bump die Z-Scale package. Samples and volume-production quantity orders can be ordered, today. For further information, contact any Microchip sales representative or authorized worldwide distributor, or visit Microchip's Web site at http://www.microchip.com/get/FP2T [1].

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