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Microchip Introduces Industry's First Automotive Serial Quad I/O™ (SQI™) Flash Product with Extended Voltage and Larger Temperature Range

SST26VF SQI Family of Flash Products Now Available With Improved Functionality and Low Power Consumption

CHANDLER, Ariz., Feb. 8, 2016 /PRNewswire/ -- Microchip Technology Inc. (NASDAQ: MCHP), a leading provider of microcontroller, mixed-signal, analog and Flash-IP solutions, today announced the introduction of automotive-grade NOR Flash products with wider voltage and a larger temperature range. With the **SST26VF SQI product family**, Microchip becomes the only vendor in the industry to offer an extended-voltage Serial Quad I/O Flash device in automotive temperature grades. The new family of products, available in densities of 16-, 32- and 64- Megabits, operates at Automotive Grade 2 and 3 and extends the operating voltage from 2.7V down to 2.3V and temperature up to 105°C.

The SST26VF offers numerous features and benefits achieved with SST's proprietary, high-performance SuperFlash® technology, which significantly improves performance and reliability, and reduces power consumption for high-bandwidth, compact designs. The SST26VF family consumes 15 mA in typical high-speed operating conditions, which benefits automotive applications working to meet growing energy saving requirements.

The robustness of the SuperFlash technology memory cell brings high endurance to rewrite cycling and excellent data retention with extremely low failure rate and good performance at high temperatures. All of these features are critical parameters to meet the vigorous requirements for automotive quality and reliability. The product also supports the long life cycle required by the automotive industry.

"Microchip continues to innovate and invest in new products based on its SuperFlash technology," said Randy Drwinga, vice president of Microchip's Memory Products Division. "The addition of the Automotive-grade SST26VF family of devices combines the benefits of robust reliability inherent to our SuperFlash technology with the high performance of Serial Quad I/O operation and the industry's fastest erase times, providing designers with an ideal Flash memory solution for automotive designs."

For more information about Microchip's SST26VF SQI Flash device family, visit: **http://www.microchip.com/SuperFlash-020816a**

Resources

High-res Images Available Through Flickr or Editorial Contact (feel free to publish):

- Chip
  Graphic: **https://www.flickr.com/photos/microchiptechnology/24525548510/sizes/l**

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About Microchip Technology

Microchip Technology Inc. (NASDAQ: MCHP) is a leading provider of microcontroller, mixed-signal, 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/Homepage-020816a**.

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Tags / Keywords: Serial Flash, SPI Flash, NOR Flash, SuperFlash, Non-Volatile Memory, SQI Flash, Serial Quad I/O Flash, SST26VF016B, SST26VF032B, SST26VF032BA, SST26VF064B, SST26VF064BA, Quad SPI Flash, 3.0V Flash, SFDP, Automotive

Editorial Contact:	**Reader Inquiries:**
Sarah Broome	1-888-624-7435
480-792-4386	**http://www.microchip.com/SuperFlash-020816a**
Sarah.broome@microchip.com	

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