

For Immediate Release

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Mouser Electronics Now Stocking STMicroelectronics Expanded Family of STM32 Microcontrollers

New Devices Feature Up to 512Kbytes of Flash, Extra SRAM, and Added Peripherals

Mansfield, Texas, USA –June 23, 2008 – [Mouser Electronics, Inc.](http://www.mouser.com), known for its rapid availability and introduction of the newest products, today announced it is stocking the new, enhanced devices in the [STM32](#) family of microcontrollers from [STMicroelectronics](#) (NYSE:STM), a leading supplier of semiconductor solutions.

STMicroelectronics increased the scalability and peripheral options of its breakthrough 32-bit STM32 MCU with devices featuring up to 512Kbytes of on-chip Flash, larger SRAM and extra features for displays, sound, storage, and advanced control. Built on the 32-bit ARM® Cortex™-M3 CPU, the STM32 family combines low power consumption with multiple power-saving modes for optimal performance in products such as industrial equipment, building-services controllers, medical devices, and computer peripherals.

The 28 new STM32 devices feature pin assignment, peripheral, and software compatibility across the entire STM32 family and are available in 36-pin to 144-pin packages. The latest MCUs provide 256Kbytes, 384Kbytes or 512Kbytes of embedded Flash for code and data storage, enabling developers to implement new features and enhance the capabilities of existing product platforms.

Extra peripherals embedded in MCUs with 256Kbytes and larger Flash memories include a Flexible Static-Memory Controller (FSMC) supporting NOR and NAND Flash, SRAM, and CompactFlash memories. In addition, the devices feature an I²S port supporting master and slave modes, audio-sampling frequencies from 8kHz to 48kHz, a 2-channel 12-bit DAC, a host interface for removable media including SD (Secure Digital), SDIO (Secure Digital Input/Output) and MMC (Multi-Media Card), as well as an Embedded Trace Macrocell (ETM) to enhance debug capabilities.

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“By immediately stocking the newest technologies like the devices in the STM32 family, our design engineering customer base can develop with the newest products on the market, allowing them to differentiate their products in the marketplace,” said Mike Scott, Mouser’s Vice President of Active Products.

Known for its broad-based product line, unsurpassed customer service, and streamlined warehouse operations, Mouser continuously offers customers the most innovative products and latest technologies for their new design projects.

Mouser Electronics is the only major distributor to publish a new 2,100+ page print catalog every 90 days. In addition, its website with interactive online catalog is updated daily, contains more than a million products for easy online purchase, provides over 1.5 million cross-references, as well as more than 900,000 downloadable data sheets, supplier-specific reference designs, application notes, and other technical design information.

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