New Product Announcement

Cypress FM4 S6E2H-Series MCUs for Motor Control Now Shipping from Mouser Electronics

October 5, 2016 – Mouser Electronics, Inc., the industry's leading New Product Introduction (NPI) distributor with the widest selection of semiconductors and electronic components, is now stocking the FM4 S6E2H-Series microcontrollers from Cypress Semiconductor. Designed for motor control and industrial automation applications, the 32-bit S6E2H-Series offers highly integrated hardware-based features, provides superior performance needed for Industry 4.0 applications, and delivers the scalability to minimize design costs and accelerate time-to-market.

The Cypress FM4 S6E2H-Series microcontrollers, available from Mouser Electronics, are based on a 540 CoreMark®, 160-MHz ARM® Cortex®-M4 CPU core. The S6E2H-Series comes equipped with up to 512 kBytes of on-chip flash memory and up to 64 kBytes of SRAM with a 16-kByte flash accelerator. The microcontrollers include a hardware watchdog timer (WDT), low-voltage detection, and clock supervisor blocks for safety-critical applications. The portfolio includes serial communication interfaces (UART, CSIO (SPI), I²C, LIN), two CAN bus interfaces, and advanced control peripherals such as motor control timers with three analog-to-digital converters (ADCs) and a Quadrature Position/Revolution Counter.

Cypress' FM4 S6E2H-Series microcontrollers are available now at Mouser Electronics in FBGA121 and LQFP80/100/120 packages, and operate over a temperature range of -40 to +105 degrees Celsius. The devices are ideally-suited for a broad array of motor control, industrial, and home appliance applications.

To learn more about the Cypress S6E2H-Series microcontrollers, visit http://www.mouser.com/new/Cypress-Semiconductor/cypress-fm4-h-series-mcus/.

With its broad product line and unsurpassed customer service, Mouser caters to design engineers and buyers by delivering What's Next in advanced technologies. Mouser offers customers 22 global support locations and stocks the world's widest selection of the latest semiconductors and electronic components for the newest design projects. Mouser Electronics' website is updated daily and searches more than 10 million products to locate over 4 million orderable part numbers available for easy online purchase. Mouser.com also houses an industry-first interactive catalog, data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

About Mouser Electronics

Mouser Electronics, a subsidiary of TTI, Inc., is part of Warren Buffett's Berkshire Hathaway family of companies. Mouser is an award-winning, authorized semiconductor and electronic component distributor, focused on the rapid introduction of new products and technologies to electronic design engineers and buyers. Mouser.com features more than 4 million products online from more than 600 manufacturers. Mouser publishes multiple catalogs per year providing designers with up-to-date data on the components now available for the next generation of electronic devices. Mouser ships globally to over 500,000 customers in 170 countries from its 750,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit www.mouser.com.

About Cypress Semiconductor

Founded in 1982, Cypress is the leader in advanced embedded system solutions for the world's most innovative automotive, industrial, home automation and appliances, consumer electronics and medical products. Cypress's programmable systems-on-chip, general-purpose microcontrollers, analog ICs, wireless and USB-based connectivity solutions and reliable, high-performance memories help engineers design differentiated products and get them to market first. Cypress is committed to providing customers with the best support and engineering resources on the planet enabling innovators and out-of-the-box thinkers to disrupt markets and create new product categories in record time.

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