

Welcome to the new edition of the Ineltek NEWSLETTER. It contains news, facts and information to help you to obtain the best out of our products and services.

Our new issue contains information

## Product Information September 2011

- **Micro Analog Systems announces their new Sensor Signal Interface ICs MAS6502 & MAS6510**
- **Atmel Expands ARM926-based MCU Family with Enhanced Connectivity and Advanced LCD Control**
- **Fujitsu's New 8-bit Embedded Flash MCUs**

Product series: MAS65xx

### Micro Analog Systems announces their new Sensor Signal Interface ICs MAS6502 & MAS6510

MAS(Micro Analog Systems) has a long history designing AD converters for use as signal interface IC's to Piezo resistive and capacitive MEMS pressure-, temperature- and humidity-sensors. Most of those designs have been ASIC's but MAS is now coming with a number of standard IC's that can be used to interface many different sensors.

Both ICs are designed especially to meet the requirement for low power consumption, thus making it an ideal choice for battery powered systems. Their 256-bit EEPROM memory stores trimming and calibration coefficients on chip.

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Product series: AT91SAM9G/X

### Atmel Expands ARM926-based MCU Family with Enhanced Connectivity and Advanced LCD Control

Atmel announced five new devices to the Atmel SAM9 ARM926™-based family of microcontrollers (MCUs). The new SAM9 devices target applications in industrial and building control, HVAC, Point of Sale (POS) terminals, printers and medical devices, smart grid with data concentrators, human machine interfaces (HMI) and machine-to-machine (M2M) market segments.

The new SAM9G15, SAM9G25, SAM9G35, SAM9X25, SAM9X35 devices expand Atmel's existing ARM®-based portfolio by supporting a range of key technology features required for today's applications.

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	SAM9G15	SAM9G25	SAM9X25	SAM9G35	SAM9X35
LCD + Graphics Accelerator	✓	—	—	✓	✓
Resistive Touchscreen	✓	—	—	✓	✓
Camera Interface	—	✓	—	—	—
EMAC	—	✓	✓ x2	✓	✓
Dual CAN	—	—	✓	—	✓
Common Features	ARM926 CPU	400 MHz	HS USB (H+D) + FS Host	32-bit Timers	
	LPDDR/DDR2	BGA217	Soft Modem	16-bit PWM	
	Raw MLC NAND Flash	HS SDIO/SD/MMC		10-bit ADC	



Product series: MB95F430

## Fujitsu's New 8-bit Embedded Flash MCUs

Fujitsu Semiconductor Europe (FSEU) today announces the availability of a new series of its F2MC-8FX family of high-performance 8-bit microcontrollers with embedded flash memory. The new 32-pin MB95F430 series includes several products with four channels of built-in analogue voltage comparators as well as an operational amplifier. It is designed to meet the rapidly growing demand for 8-bit microcontrollers for system control of small home appliances, lighting and industrial equipment, such as LED ballasts, induction heating, DC-DC converters, power tools and battery chargers.

[More...](#)



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For more information regarding samples, prices and lead times for the above products please send your inquiry to: [info@ineltek.com](mailto:info@ineltek.com)

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