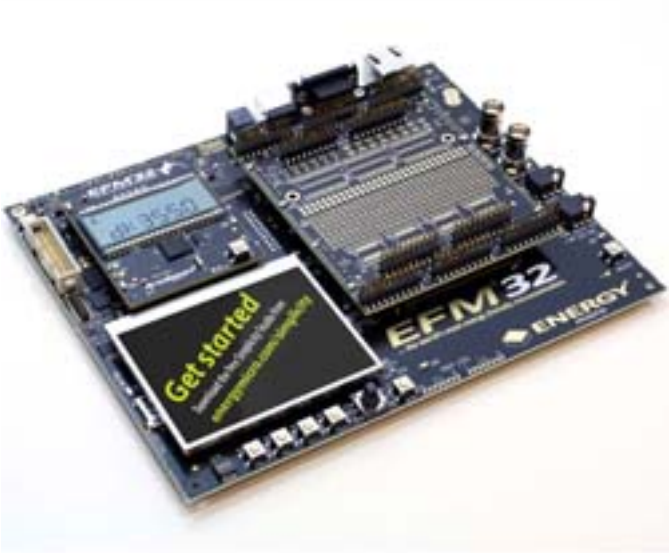
Energy Micro announces immediate availability of EFM32 Gecko development kit



Oslo, Norway, 21 March 2012 – Energy Micro today announced the availability of a new development kit for its EFM32 Gecko microcontroller family. Priced at $309, the kit includes full SEGGER J-Trace and J-Link support, reducing the need for additional debugging tools.

The new Gecko development kit, named EFM32G-DK3550, is equipped with the energy friendly ARM® Cortex™-M3 EFM32G890F128 microcontroller. It is based on the main board from the bigger Leopard and Giant Gecko kits, providing an extensive range of features, and helping to speed up development cycles.

When using the EFM32G-DK3550, designers can directly access the Gecko MCU's LCD and external bus interfaces. In addition the board offers a full complement of user interface hardware including a full color 320 x 240 resistive touch TFT display, supporting switches, a joystick and LEDs.

The list of kit features also includes a large, replaceable prototyping area, 16MB NOR-Flash and 4MB PSRAM, Ethernet MAC/PHY, support for MicroSD, audio I/O and I2S DAC, as well as an on-board USB debug interface. An on-board Advanced Energy Monitoring (AEM) system enables easy visualization of the prototype's energy consumption.

Supporting the EFM32G-DK3550 is Energy Micro's Simplicity Studio suite, which includes the unique energyAware Profiler. Interfacing directly with the kit's AEM system via USB, all relevant system data can be read out and presented on a host computer as real-time graphs of current consumption and the related object code. Simplicity Studio further contains all relevant EFM32 Gecko code examples and

application notes, and ensures that developers always have the latest available information from Energy Micro.

The EFM32-DK3550 is available now, starting at $309. More information can be found at http://www.energymicro.com/tools/efm32g-dk3550

Energy Micro's Gecko microcontroller portfolio consists of more than 240 variants based on the ARM Cortex-M processor cores, and includes Gecko Technology benchmarked to consume just a quarter of the energy of competing 8-bit, 16-bit and 32-bit MCUs.

A video explaining the Simplicity Studio suite and EFM32 development kit is found here: http://youtu.be/h65TPcJjl58 [1]

www.energymicro.com [2]

Source URL (retrieved on *07/25/2014 - 12:49am*):
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Links:
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[2] http://www.energymicro.com