



livetec news: new microcontroller series from ENERGY Micro upgrades the livetec portfolio

EFM32 (Giant) Gecko and Tiny Gecko from Energy Micro

livetec realizes projects in medical technology (electrophysiology)
and industry (measurement technology)



Source: ENERGY Micro

EFM32 Gecko Know How:

livetec has experience with the configuration of several software-frameworks on the integrated development environments (IDE) "CrossStudio" and "IAR" with following elements:

- Integration / porting of the realtime-operating system freeRTOS (i.a. for a low power system too)
- Integration firmware-Lib from ENERGY Micro
- Application of almost all peripheral blocks (e.g. PRS) for a system with very high requirements for the timing
- Integration / porting FAT-file-system
- Implementation: connection of a SD-card
- Divers implementations for testing via Debug-outputs via UART, etc.

forecast:

At the moment, another battery operated active medical product is planned: Equipped with the EFM32 Gecko (among other things capacitive keys) designed for a long lifetime, considering storage time of customers (hospitals).

livetec has a lot of experience at the low-energy-embedded field and mainly worked until now with Gecko, MSP430 and different Cortex M3 controllers (identical core like Gecko).