

Spoločnosť Embest, zaradila medzi svoje produkty evaluation board pre procesor AT91SAM3U ARM Cortex-M3. Doska obsahuje ATMEL AT91SAM3U4E Cortex-M3 processor (256 Kbytov Flash a 48 Kbytov SRAM), pracujúci na 96 MHz. Doska obsahuje aj USB, I2C, MCI interface, TFT-LCD, USART interfejs, 96 I/O portov,

Na doske nájdete aj high speed USB 2.0 (480MHz), audio I/O port, interface pre SD kartu a TFT LCD interfejs.



Vlastnosti

- 2.8" TFT LCD panel, 240×320
- AT91SAM3U4E LQFP 144-pin, ARM Cortex-M3 based, 96MHz
- XTAL frequency: 12 MHz
- 256KB flash memory and 48KB SRAM
- Two RS232 interfaces
- High-speed USB device interface
- TFT LCD interface
- MicroSD card interface
- 20-pin JTAG interface
- Five push buttons (reset, wake up, tampering, user)
- Two BNC interfaces
- RTC unit with battery
- Analog input (connected to potentiometer)

- Analog output (connected to speaker by default)
- Supply voltage: 5 Volts DC (provided by power adapter)
- Board size: 135mm x 90mm (5.3" x 3.5")
- Example applications, all in Source code

Cena, dostupnosť

Doska samotná - **Embest ATSAM3U ARM-CM3 Board (AT3U)** je v predaji za 187,- USD, alebo ako **ATSAM3U Starter Kit (AT3U)** v cene od 299,- USD

Sada starter kit, obsahuje navyiac:

- Keil MDK-ARM Development Kit (SW vývojové prostredie)
 - µVision IDE, debugger and simulation environment
 - ARM industry-leading C/C++ compiler from ARM
 - MicroLib highly optimized run-time library
 - Real-Time Trace for Cortex-M3 processor based devices
 - Keil RTX – deterministic Real-Time Operating System
- [Emlink for ARM](#) (JTAG Emulator)
 - Supports debugging with Realview MDK and EWARM
 - Supports ARM Cortex-M3 processors: STM32, LPC17XX, AT91SAM3UE, etc.
 - JTAG 20 pins connects to target
 - Supports hardware and software breakpoints
 - Supports USB port connecting to host PC
 - Downloads and debugs speed up to 250KBytes/s (about 1.5Mbps)
 - Integrates seamlessly into IAR Embedded Workbench and Keil RealView MDK

Odkazy

[Homepage](#)

[Emlink for ARM homepage](#)

Distribúcia

[vid'. Adresár](#) *vstup iba pre registrovaných členov