ATSAM4C32 Evaluation Kit

The ATSAM4C32-EK lets designers quickly evaluate and develop code for smart energy applications built around two high performance 32-bit ARM® Cortex® -M4 RISC processors. The SAM4C32 Evaluation Kit is ideal for fast getting started using the Atmel Dual Cortex M4 architecture. It allows evaluating the performances and low-power mode, anti-tampering and Cryptographic functions. The board is equipped with extension connectors such as Atmel RF Transceivers.

Key Features

AM4C32C chip LQFP100 package
8 MHz Crystal
32.768 kHz Crystal
Coin-cell Backup Battery
Segment LCD (6 x 50)
Mechanical Push Button for Anti-Tampering Emulation
Debugger — Programming and debugging (target) through the JTAG/SWD port
Communication Interface — — RS-232, RS-485
— Serial Peripheral Interface (SPI) Extension Connector
— RF/Zigbee(RZ600 & Xplain PRO REB233-XPRO Connector)
Serial Memories — — Atmel ATSHA204 Crypto Memory
— Adesto AT25DF321A or AT45DB321
Atmel AT30TS75 Temperature Sensor
Power supply for demo board — — DC 5V power input
— USB
— Powered inputPower Consumption Test Points

Get Started

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