SAM9CN11-EK

The SAM9CN11-EK evaluation kit enables rapid evaluation and code development of applications running on a SAM9CN11 or a SAM9CN12 device.

Key Features

Atmel SAM9CN11 microcontroller in BGA217 package
16 MHz crystal
32.768 KHz crystal
Memory — 1Gb DDR2 memory; 2Gb NAND Flash memory with Chip Selection control switch; Optional NOR flash; 32Mb SPI Serial DataFlash with Chip Selection control switch; 512Kb Serial EEPROM; 1Kb 1-Wire EEPROM; SD/MMC interface
Communication — One Ethernet Physical Transceiver Layer with RJ45 connector; UART DBGU port with level shifter IC; JTAG/ICE port; USB Host and Device; ZigBee®
Add-on display module — TFT LCD module with touch; QTouch elements for user QTouch: (K1 to K4)
Audio codec with input stereo headphone and microphone
On-board power regulation and backup battery
Two user LEDs and one power LED
System buttons: NRST, WKUP, OE_CS
One user button

What's in the Box

The SAM9CN11-EK includes:

Board

One SAM9CN11-EK board
One SAM9CN11-DM board (Display Module)
Universal input AC/DC power supply with US, Europe and UK plug adapters
One 3V Lithium Battery type CR1225

Cables

One serial RS232 cable
One micro A/B-type USB cable
One RJ45 crossed cable

Ordering code: AT91SAM9CN11-EK