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OM13001,598: EA LPC1788 Evaluation Board

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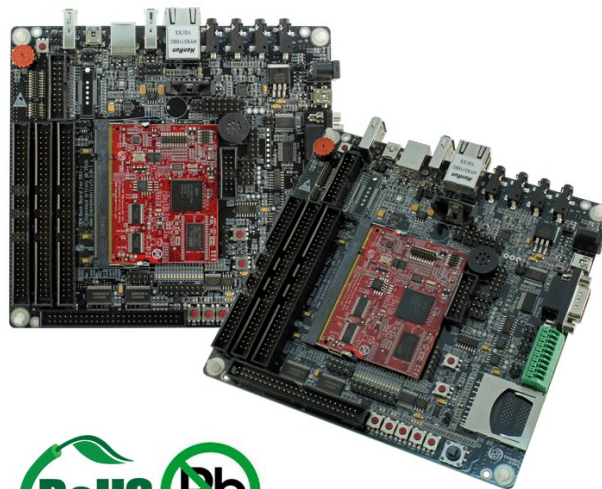
Overview

Features

Supported Devices

Kit Contains

Overview

The EA LPC177x/8x Evaluation Board allows you to quickly and easily evaluate the LPC177x/8x family of microcontrollers. The microcontroller, board, and the accompanying features make it a great starting point for your next Cortex-M3 project.

Populated with the LPC1788 to demonstrate LPC177x/8x features.

EA LPC1788 Eval Board PIC

Features

- Program Flash: 128 MB NAND FLASH + 512 kB internal
- Data Memory: 32 MB SDRAM + 96 KB internal
- Ethernet: 100/10M Ethernet interface based on SMSC LAN8720 Ethernet PHY
- Clock Crystals: 12 MHz crystal for CPU , 32.768 kHz crystal for RTC
- Connectors: 200 pos expansion connector (SODIMM standard), 0.6 mm pitch
- Other: 256 Kbit I²C EEPROM for storing

Supported Devices

➕ Microcontrollers and Processors

Kit Contains

- One LPC1788 OEM Board

- One OEM Base Board
- One USB cable, type A to mini-B
- Headset with microphone
- Serial number that gives you access to the EA's support site

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