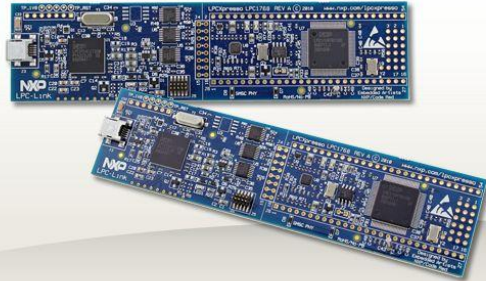


# LPCXpresso Base Board Rev B User's Guide



*Get Up-and-Running Quickly and  
Start Developing Your Applications On Day 1!*



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20€

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Art. EA-XPR-003

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102€

LPCXpresso Kit

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[High Resolution Photos]

## LPC1769 LPCXPRESSO BOARD

The LPC1769 LPCXpresso board with NXP's ARM Cortex-M3 microcontroller has been designed to make it as easy as possible to get started with Cortex-M3. The LPCXpresso comprises a target board combined with a JTAG debugger. A **free Eclipse-based IDE** from NXP is also included.

The LPC1769 has 64 kB SRAM, 512 kB Flash, 4xUART, 3xI2C, SPI, 2xSSP, 2xCAN, PWM, USB 2.0 Device/Host/OTG, RTC, Ethernet, I2S, etc. Embedded Artists also provides a **Prototype board** and a **Base board** that makes it possible to make experiments and prototyping with many peripherals.

### LPCXpresso Kit

The LPCXpresso Kit (EA-XPR-103) is a bundle containing the LPC1769 LPCXpresso Board (EA-XPR-003) and the **LPCXpresso Base Board** (EA-XPR-021).

### Recommended Book

Embedded Artists recommends Richard Barry's book "Using the FreeRTOS Real Time Kernel - a Practical Guide", which includes sixteen examples written specifically for the LPC17xx Cortex M3. This is a concise, step by step, 'hands on' guide that describes both general multitasking concepts and FreeRTOS specifics. The book is purchased [here](#).

### mbed SDK



A couple of applications have been developed for this board using the **mbed API**. The applications and description of how to use them are available on the [mbed SDK/API page](#).