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LPC11U14 LPCXpresso Board



Picture not showing correct version of LPCXpresso board.

The LPC11U14 LPCXpresso board with NXP's ARM Cortex-M0 microcontroller has been designed to make it as easy as possible to get started with Cortex-M0. The LPCXpresso comprises a target board combined with a JTAG debugger. A free Eclipse-based IDE from Code Red is also included.

The LPC11U14 has 6 kB SRAM, 32 kB Flash, USB 2.0 Full-Speed Device, SSP, I2C, UART, ADC, etc. Embedded Artists also provides a [Prototype board](#) and a [Base board](#) that makes it possible to make experiments and prototyping with many peripherals.

Discount

Embedded Artists and Code Red offer LPCXpresso customers valuable discounts. Embedded Artists gives 15 EUR discount on the regular [Developer's kits](#) and 7 EUR off the LPCXpresso Base board. Code Red has an offer to upgrade to full-blown suites. For more information see [LPCXpresso discount](#).

Price Information

EUR

Art.no: EA-XPR-007 [Buy](#)

Currently out-of-stock

Expected delivery date:
2011-07-30

Price Information

EUR

LPCXpresso Kit containing LPC11U14 and [Base Board](#)

Art.no: EA-XPR-107 [Buy](#)

Currently out-of-stock

Expected delivery date:
2011-07-30

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LPC11U14 LPCXpresso Board

<i>Processor</i>	NXP's Cortex-M0 LPC11U14 microcontroller in LQFP48 package
<i>Flash</i>	32 kB
<i>Data Memory</i>	6 kB
<i>Clock Crystals</i>	12.000 MHz crystal for CPU
<i>Dimensions</i>	35 x 140 mm
<i>Power</i>	3.15V-3.3V external powering, or from USB via JTAG probe (LPC-LINK)
<i>Connectors</i>	<ul style="list-style-type: none"> • mini-B USB connector for LPC11U14 USB interface • All LPC11U14 pins available on expansion connector (2x27 pin rows, 100 mil pitch, 900 mil between rows)
<i>Other</i>	<ul style="list-style-type: none"> • Embedded JTAG (LPC-LINK) functionality via LPCXpresso toolchain • LPC-LINK can be connected to external target processor after modifications to the LPCXpresso board • LED on P100_7