

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Embedded Artists](#)

[EA-XPR-005](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



[About Us](#)

[Products](#)

[Services](#)

[Support](#)

[Projects](#)

[Web Shop](#)

**Products**

> [Board Comparison Chart](#)

» [Developer's Kits](#)

» [OEM Boards](#)

» [QuickStart Boards](#)

» [Education Boards](#)

↓ **LPCXpresso & mbed**

> [LPCXpresso LPC1114](#)

> [LPCXpresso LPC11U14](#)

> [LPCXpresso LPC11C24](#)

> **LPCXpresso LPC1227**

> [LPCXpresso LPC1343](#)

> [LPCXpresso LPC1769](#)

> [LPCXpresso Prototype](#)

> [LPCXpresso Base](#)

> [LPCXpresso Value Pack](#)

> [LPCXpresso Motor Control](#)

> [mbed](#)

» [Displays](#)

» [Tools](#)

» [Accessories](#)

## LPC1227 LPCXpresso Board



The LPC1227 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 LPC1227 has 8 kB SRAM, 128 kB Flash, 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-005** [Buy](#)

**Price Information**

**EUR**

LPCXpresso Kit containing LPC1227 and [Base Board](#)

Art.no: **EA-XPR-105** [Buy](#)

- Overview
- Specification**
- MCU
- Related Products
- Resources
- FAQ

### LPC1227 LPCXpresso Board

<i>Processor</i>	<a href="#">NXP's Cortex-M0 LPC1227 microcontroller</a> in LQFP64 package
<i>Flash</i>	128 kB
<i>Data Memory</i>	8 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>	All LPC1227 pins available on expansion connector (2x27 pin rows, 100 mil pitch, 900 mil between rows)
<i>Other</i>	<ul style="list-style-type: none"> <li>Embedded JTAG (LPC-LINK) functionality via LPCXpresso toolchain</li> <li>LPC-LINK can be connected to external target processor after modifications to the LPCXpresso board</li> <li>LED on PIO0_7</li> </ul>