Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

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Embedded
Artists

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Products

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» 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

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LPC1227 LPCXpresso Board

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

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.

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

LPC1227 LPCXpresso Board

Processor	NXP's Cortex-M0 LPC1227 microcontroller in LQFP64 package
Flash	128 kB
Data Memory	8 kB
Clock Crystals	12.000 MHz crystal for CPU
Dimensions	35 x 140 mm
Power	3.15V-3.3V external powering, or from USB via JTAG probe (LPC-LINK)
Connectors	All LPC1227 pins available on expansion connector (2x27 pin rows, 100 mil pitch, 900 mil between rows)
Other	• 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 PIO0_7