



# OM13045

LPCXpresso Board for LPC1347

## Demo board description

LPCXpresso™ is a new, low-cost development platform available from NXP supporting NXP's ARM-based microcontrollers. The platform is comprised of a simplified Eclipse-based IDE and low-cost target boards which include an attached JTAG debugger. LPCXpresso is an end-to-end solution enabling embedded engineers to develop their applications from initial evaluation to final production.

Populated with the LPC1347 the board combines the robust USB for mass storage class (MSC) and human interface device (HID) of the LPC1347 and the low price point of the LPCXpresso.

Order Number: OM13045

## Features

- - Eclipse-based IDE using very low-cost target boards.
  - The target boards comes with an integrated JTAG Debugger. No need for a separate debug probe!
  - Easy upgrade options to full-blown suites (from Code Red) and hardware kits (from Embedded Artists).
  - End-to-end solution for creating applications all the way from evaluation through to production.

## Descriptive summary

### Support Links

[LPCXpresso HomePage](#)  
[LPCXpresso Support](#)  
[LPCXpresso IDE](#)  
[LPCXpresso Forum](#)

### Demo Box Contents

LPCXpresso LPC1115 Development Board  
Quick Start Guide

- Related items:
  - EA LPCXpresso Baseboard
  - NGX LPCXpresso Baseboard

### LPCXpresso Board for LPC1115

The LPCXpresso Board for LPC1115 is comprised of an LPCXpresso target board, LPC-Link, and IDE. The LPCXpresso target boards, include an integrated JTAG debugger, and can connect to expansion boards to provide a variety of interfaces and I/O devices. The on-board JTAG debugger provides high-speed USB to JTAG/SWD interface to the IDE, and it can be connected to other debug targets such as a customer prototype. The LPC-Link is equipped with a 10-pin JTAG header enabling seamless connection to a target via USB. LPCXpresso's IDE, using the standard GNU toolchain and optimized C library, can build an executable of any size with full code optimization.

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