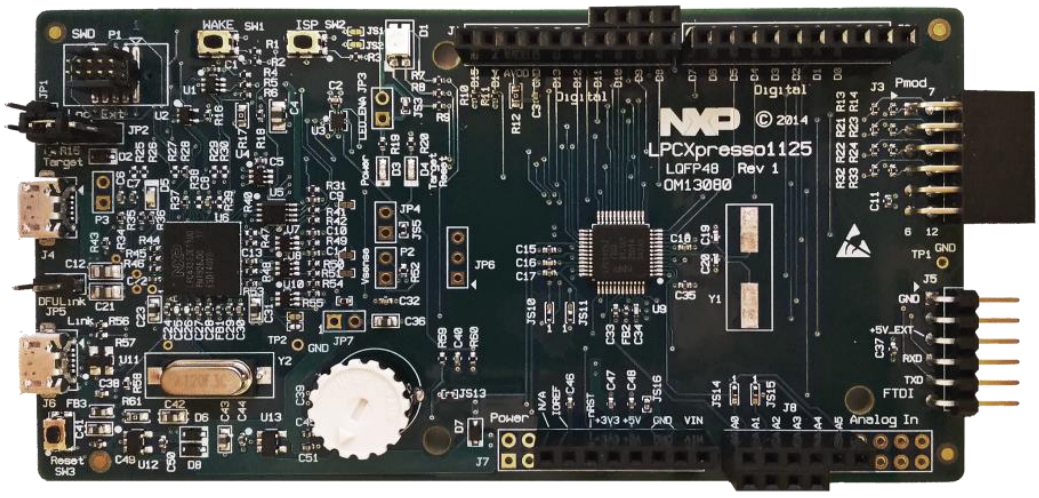
OM13080

Product Brief

LPCXpresso1125 Board

Rev. 1.01 — 12th January 2015

The LPCXpresso™ family of boards provides a powerful and flexible development system for NXP's Cortex®-M family of MCUs. They can be used with a wide range of development tools, including the NXP's LPCXpresso IDE. The LPCXpresso1125 board has been developed by NXP to enable evaluation of and prototyping with the LPC112x family of MCUs, and is based on the LPC1125JBD48 version of the MCU.



Feature summary

The LPCXpresso1125 includes the following features:

- On-board debug probe compatible with LPCXpresso IDE out-of-the-box, and with other toolchains via optional firmware including CMSIS-DAP
- External debug probe option
- Tri-color LED, target Reset, ISP & WAKE buttons for easy testing of software functionality
- Expansion options based on Arduino UNO and Pmod™, plus additional expansion port pins
- UART, SPI, I²C and GPIO compatible Diligent Pmod connector
- FTDI UART connector
- Fully supported by LPCXpresso Eclipse-based IDE and GNU C/C++ toolchain
- USB Virtual communications port
- Target port expansion interface pin compatible with Arduino Rev 3 Shield boards
- Target MCU current measurement header
- Potentiometer connected to Target ADC
- USB Powered

Development Tools

The LPCXpresso1125 Board is fully supported by the LPCXpresso Integrated Development Environment (IDE), which is available for free at www.lpcware.com/lpxcpresso/home.

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Board specifications

Recommended operating conditions: 0 to 70°C ambient
Weight: 1.1 ounces
Size: 4.69 x 2.66 inches including connectors
The LPCXpresso1125 Board is RoHS compliant.

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