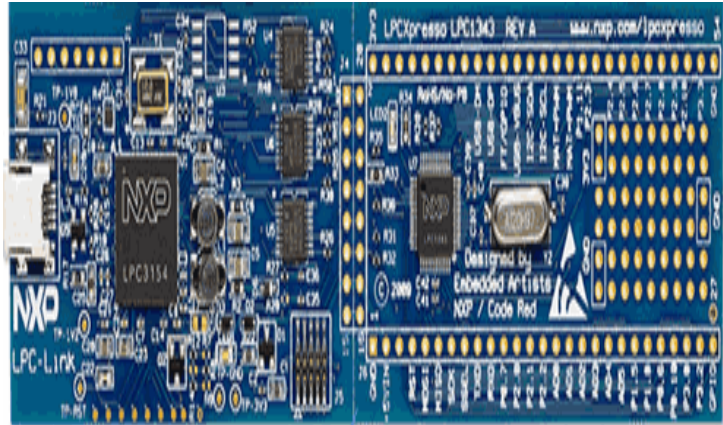# NXP - OM11048 – Development Board

Product Overview:

LPCXpresso-OM11048 is a new, low-cost development platform available from NXP. It supports NXP's ARM-based LPC microcontrollers. The platform is comprised of a simplified Eclipse-based IDE and low-cost target boards which include an attached JTAG debugger. Designed for simplicity and ease of use, the LPCXpresso IDE (powered by Code Red) will provide software engineers a quick and easy way to develop their applications. LPCXpresso is an end-to-end solution enabling embedded engineers to develop their applications from initial evaluation to final production.

Kit Contents:

The evaluation kit contains everything needed to develop and run applications for LPCXpresso board including:

- Eclipse-based IDE
- Development board LPCXpresso-OM11048

Key Features:

The development board includes the following features:

- Low-cost development tool platform for LPC MCUs
- Eclipse-based IDE
- Low-cost target board
- Integrated JTAG debugger (separate debug probe not required)
- End-to-end solution supports evaluation to production

Ordering Information:

Products:

Part Number	Manufacturer	Farnell P/N	Newark P/N
OM11048	NXP	1777673	52R6154

Associated Products:

Part Number	Manufacturer	Description	Farnell P/N	Newark P/N
LPC1343FBD48	NXP	32 bit ARM Cortex Microcontroller	1762580	34R4147
LPC3154FET208	NXP	ARM926EJ Microcontrollers	NA	70R5685
STM1816RWX7F	STM	Low Power Reset	1224457	57P1170
24AA256-I/SN	Microchip	EEPROM Memory	1331295	92C6874

Similar Products:

Part Number	Manufacturer	Description	Support Device	Farnell P/N	Newark P/N
OM11043	NXP	LPC1768 prototyping board	LPC1768	1761179	33R0887
OM11049	NXP	MSP430 80-Pin Target board	LPC1114	1786279	62R9328

Document List:

Datasheets:

Part Number	Description	Size
LPC1343FBD48	32 bit ARM Cortex Microcontroller	433KB
LPC3154FET208	ARM926EJ microcontrollers	473KB
STM1816RWX7F	Low Power Reset	258KB

Application Notes:

File Name	Size
USB HID with the LPC1300 on-chip driver	1.6MB
USB mass storage class with the LPC1300 on-chip driver	1.3MB

Hardware & Software:

File Name	Size
Sample Code Bundle for LPC13xx Peripherals using Keil's MDK-ARM	393KB
LPCXpresso IDE	140MB