



OM13021

NGX LPC11U14 Evaluation Board

Demo board description

The NGX LPC11U14 Evaluation Board allows you to quickly and easily evaluate the LPC11U1x family of microcontrollers. The microcontroller, board, and accompanying features make it a great starting point for your next Cortex-M0 project.

Populated with the LPC11U14 to demonstrate LPC11U1x features, the LPC11U14 board allows the evaluation of the robust USB performance of the LPC11U14.

Order Number: OM13021

Features

- Two layer PCB (FR-4 material)
- On-board Test Led
- 12MHz crystal
- On board debugger
- No power supply required, powered through USB

Descriptive summary

NGX LPC11U14 Evaluation Board

NGX's LPC11U14 Evaluation Board lets you get up-and-running quickly in evaluating the superior performance and capability of the LPC11U14. The LPC11U14 is developed with a highly flexible USB architecture featuring simplicity and diversity of design for a wide range of USB solutions.

Demo Box Contents

- NGX LPC11U14 Evaluation Board

Support Links

[Schematics](#)

[User Manual](#)

[Sample Code, Binaries](#)

Software Support

[CooCox_CoIDE](#)

[CooCox CoFlash](#)

[Keil RealView MDK 4.03 or higher](#)

[IAR Workbench](#)

How to program the board:

- **SWD:** Programming through SWD using [CooCox CoFlash](#) and debugging using [CooCox_CoIDE](#). To use, install USB driver software [ColinkExUsbDriver](#).
- **ISP:** Programming through the on chip boot loader using UART interface and [FlashMagic](#)

Related Items:

- [LPCXpresso Board for LPC11U14](#)
- [IAR LPC11U14 Evaluation Board](#)
- [Keil LPC11U14 Evaluation Board](#)
- [Keil ULINK2-JTAG Debugger](#)

For more information:

[NGX HomePage](#)

[NGX Product Page](#)

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- Quality and reliability disclaimer