

# LPC4330-Xplorer

2500Rs

LPC4330-Xplorer is a breakout board for LPC4330 cortex-M4 based microcontroller. The LPC4330 microcontroller has flash and flashless parts. For flashless microcontroller has 200KB SRAM, two 32KB SRAM blocks with separate bus. 64KB ROM containing boot code and on-chip software drivers. 32-bit OTP. For flash microcontroller 1MB dual bank flash, 136KB SRAM, Ethernet MAC, one USB 2.0 Device/Host/OTG interface with DMA support, one USB2.0 Host/Device interface with DMA, on-chip full-speed PHY and ULPI interface to external high-speed PHY, 4 UARTS with DMA support, 2 C\_CAN 2.0B, 2 SSPs, 2 I2C, 2 I2S, LCD controller, 8 GPDMA, up to 164 GPIO, 1 10-bit DAC, 2 10-bit ADCs, and RTC.



LPC4330-Xplorer has been developed in partnership with NXP semiconductors Inc.

Salient features of the board include:

- Controller: LPC4330, 100 pin BGA
- PCB: 4-layer (86mm x 40mm, RoHS Compliant)
- Two LEDs
- One user switch and one reset switch
- Boot select switch
- 32Mb Quad flash
- On board crystals for controller, RTC and audio codec
- On board Ethernet PHY, 50 MHz Oscillator and RJ45 connector with magnetics
- On board audio codec and audio jacks
- On board USB host power switch
- On board Micro SD card slot
- Two USB ports, one HS (High speed) port and one FS (Full Speed) port
- 10-pin cortex debug header
- Unused I/Os brought to a header

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Development Boards & Kits - ARM category](#):*

*Click to view products by [NXP manufacturer](#):*

Other Similar products are found below :

[CWH-CTP-VSPA-YE](#) [CY4541](#) [EVAL-ADUCM320IQSPZ](#) [FRDM-KV31F](#) [POLYPOD-BGA324](#) [POLYPOD-TQ144](#) [POLYPOD-TQ176](#)  
[KEA128LEDLIGHTRD](#) [KIT\\_XMC42\\_EE1\\_001](#) [SAFETI-HSK-RM48](#) [LS1024A-RDB](#) [ADM00573](#) [FRDM-KL28Z](#) [PICOHOBBITFL](#)  
[MCIMX53-START-R](#) [TWR-K65F180M](#) [KEA128BLDCRD](#) [CC-ACC-MMK-2443](#) [STM8L1528-EVAL](#) [YSPKS5D9E10](#) [YGRPEACHFULL](#)  
[TWR-MC-FRDMKE02Z](#) [TWR-K80F150M](#) [CY14NVSRAMKIT-001](#) [EVALSPEAR320CPU](#) [EVB-SCMIMX6SX](#) [MAXWSNENV#](#) [FM0-64L-S6E1C3](#) [MAX32600-KIT#](#) [TMDX570LS04HDK](#) [Z32F3840100KITG](#) [LS1021A-IOT-B](#) [SK-FM3-100PMC-MB9BF516N](#) [TXSD-SV70](#)  
[YSTBS3A3E10](#) [YR8A77430HA02BG](#) [STM3240G-USB/NMF](#) [OM13080UL](#) [EVAL-ADUC7120QSPZ](#) [CYDP-KIT-13638](#) [OM13063UL](#)  
[ATAVRPARROT](#) [OM13090UL](#) [YSPEHMI1S20](#) [TXSD-SV71](#) [YGRPEACHNORMAL](#) [SK-FM3-176PMC-ETHERNET](#) [HVP-KV11Z75M](#)  
[OM13076UL](#) [LX2RDBKIT2-25G](#)