



Hitex LPC4350 Eval board

The Hitex LPC4350 Eval board allows you to quickly and easily evaluate the LPC4300 family of microcontrollers. The microcontroller, board, and the accompanying features make it a great starting point for your next Cortex-M4 project.

Populated with the LPC4350 to demonstrate LPC4300 features, the LPC4350 offers industry leading dual-core performance, large internal memories and advanced peripherals.

Note: Same as Hitex LPC1850 Evaluation Board, but with LPC4350 component replacing LPC1850.

Order Number: OM13031

Demoboard description

Demo Box Contents

- Hitex LPC4350 Evaluation Board
- USB Cable

Support Links:

[Example code](#)

For more information:

[Hitex HomePage](#)

Hitex LPC4350 Evaluation Board

The Hitex LPC4350 evaluation board has a variety of special features showcasing the high-performance DSC capability of the LPC4350 microprocessor.

The board is USB-powered, but can also be driven by external power supply or via power-over-Ethernet. It is equipped with 65MB SDRAM, 32MB parallel flash and 512kB SRAM and a serial EEPROM. For debugging a JTAG as well as a 20-pin Cortex debug connector with ETM is available. All channels (USB1 and USB2) as well as Ethernet are provided by Phy. This makes USB device, USB host and OTG available as well as UART and CAN.

Features

- Power-over-Ethernet
- SDRAM, SRAM, parallel flash, NAND flash, qSPI flash
- Temperature sensor, SD card, media-connector
- CAN, UART, Ethernet, USB (Host, Device, OTG)
- Debug with standard ARM JTAG and JTAG + Trace connector
- Ready for Jennic ZigBee module
- Small onboard display and NXP standard display
- Audio IN an OUT, microphone IN, headphones OUT and a D-Class amplifier

Related products

- [LPC4310FBD144](#) - Dual-core Cortex-M4/M0, 168 kB SRAM, CAN, AES, SPIFI, SGPIO, SCT
- [LPC4310FET100](#) - Dual-core Cortex-M4/M0, 168 kB SRAM, CAN, AES, SPIFI, SGPIO, SCT
- [LPC4320FBD100](#) - Dual-core Cortex-M4/M0, 168 kB SRAM, HS USB with on-chip PHY, CAN, AES, SPIFI, SGPIO, SCT
- [LPC4320FBD144](#) - Dual-core Cortex-M4/M0, 200 kB SRAM, HS USB with on-chip PHY, CAN, AES, SPIFI, SGPIO, SCT
- [LPC4320FET100](#) - Dual-core Cortex-M4/M0, 200 kB SRAM, HS USB with on-chip PHY, CAN, AES, SPIFI, SGPIO, SCT
- [LPC4330FBD144](#) - Dual-core Cortex-M4/M0, 264 kB SRAM, 2 HS USB with on-chip PHY, Ethernet, CAN, AES, SPIFI, SGPIO, SCT
- [LPC4330FET100](#) - Dual-core Cortex-M4/M0, 264 kB SRAM, 2 HS USB with on-chip PHY, Ethernet, CAN, AES, SPIFI, SGPIO, SCT
- [LPC4330FET180](#) - Dual-core Cortex-M4/M0, 264 kB SRAM, 2 HS USB with on-chip PHY, Ethernet, CAN, AES, SPIFI, SGPIO, SCT
- [LPC4330FET256](#) - Dual-core Cortex-M4/M0, 264 kB SRAM, 2 HS USB with on-chip PHY, Ethernet, CAN, AES, SPIFI, SGPIO, SCT
- [LPC4350FBD208](#) - Dual-core Cortex-M4/M0, 264 kB SRAM, 2 HS USB with on-chip PHY, Ethernet, LCD, CAN, AES, SPIFI, SGPIO, SCT
- [LPC4350FET180](#) - Dual-core Cortex-M4/M0, 264 kB SRAM, 2 HS USB with on-chip PHY, Ethernet, LCD, CAN, AES, SPIFI, SGPIO, SCT
- [LPC4350FET256](#) - Dual-core Cortex-M4/M0, 264 kB SRAM, 2 HS USB with on-chip PHY, Ethernet, LCD, CAN, AES, SPIFI, SGPIO, SCT
- [LPC4357FET256](#) - Dual-core Cortex-M4/M0, 1 MB Flash, 136 kB SRAM, 2 HS USB with on-chip PHY, Ethernet, LCD, CAN, AES, SPIFI, SGPIO, SCT

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