

# KEIL MCB4357 EVALUATION BOARD, LPC4357, CORTEX-M4/M0



- Manufacturer: [KEIL](#)
- **Newark Part No.:** 24W5500
- Manufacturer Part No MCB4357

## Product Overview

The MCB4357 is an Evaluation Board that enables to create and test working programs based on the LPC4300 family of dual core ARM Cortex™-M4/M0 devices. The MCB4357 evaluation board and starter kit includes the MDK-ARM lite edition tools. These tools help you get started writing programs and testing the microcontroller and its capabilities. Additionally, an Internet Radio Solution demo is also available for download on this evaluation board. The Internet Radio Solution shows an example of application portioning between the two cores on the LPC4357.

- 136kB On-chip SRAM
- 1MB dual bank on-chip flash
- On-board memory - 16MB NOR flash, 4MB Quad-SPI flash, 16MB SDRAM & 16KB EEPROM (I<sup>2</sup>C)
- Color QVGA TFT LCD with touchscreen
- 10/100Mbps Ethernet port
- High-speed USB 2.0 host/device/OTG interface (USB host + micro USB device/OTG connectors)
- Full-speed USB 2.0 host/device interface (USB host + micro USB device connectors)
- CAN interfaces
- Serial/UART port
- MicroSD card interface

[More details](#)

## Applications

Embedded Design & Development

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## Product Specifications, Documents & More

- Core Architecture: ARM
- Core Sub-Architecture: Cortex-M4
- Features: LPC4357 Dual Cortex-M4/M0 MCU, 16MB Flash, 16KB EEPROM, touch LCD, Ethernet, USB, CAN, Audio CODEC
- Kit Contents: Board only
- No. of Bits: 32bit
- SVHC: No SVHC (15-Jun-2015)
- Silicon Core Number: LPC4357
- Silicon Family Name: LPC43xx
- Silicon Manufacturer: NXP

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