



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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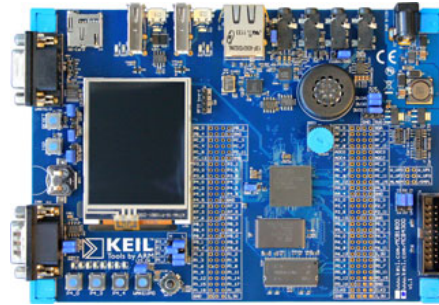
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MCB1800

Evaluation Board and Starter Kit



The Keil MCB1800 Evaluation Boards enable you to create and test working programs based on the NXP LPC1850 family of ARM Cortex™-M3 processor-based devices.

The MCB1800 Evaluation Board is available in two different configurations:

- The MCB1850 Evaluation Board is populated with an NXP [LPC1850](#) device
- The MCB1857 Evaluation Board is populated with a NXP LPC1857 device

Features

- 180MHz ARM Cortex-M3 processor-based MCU in LBG256
- On-Chip SRAM: 136KB (LPC1857), 200KB (LPC1850)
- On-Chip Flash: 1MB dual bank (LPC1857), no on-chip Flash (LPC1850)
- On-Board Memory: 16MB NOR Flash, 4MB Quad-SPI Flash, 16 MB SDRAM, & 16KB EEPROM (I2C)
- Color QVGA TFT LCD with touchscreen
- 10/100 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
- 4 user push-buttons + reset
- Digital Temperature Sensor (I2C)
- Analog Voltage Control for ACD Input
- Audio CODEC with Line-In/Out and Microphone/headphone connector + Speaker
- Debug Interface [Connectors](#)
 - 20-pin JTAG (0.1 inch)
 - 10-pin Cortex debug (0.05 inch)
 - 20-pin Cortex debug + ETM Trace (0.05 inch)



Development Software

The MCB1800 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. Sample applications that run on the MCB1800 evaluation board, and a Quickstart guide are included.

Ordering Information

The MCB1800 is available as a stand alone evaluation board or as a starter kit which includes the [ULINK-ME](#) debug adapter.

- **MCB1850:** MCB1850 evaluation board
- **MCB1850UME:** MCB1850 starter kit (includes ULINK-ME)
- **MCB1857:** MCB1857 evaluation board - available Q3,12

- **MCB1857UME:** MCB1857 starter kit (includes ULINK-ME) - available Q3,12
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