



OM11043



ARM mbed LPC1768 Board

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OM11043,598

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Demo board description

The ARM LPC1768 Board allows you to quickly and easily evaluate the LPC176x family of microcontrollers. The microcontroller, board, and accompanying features make it a great starting point for your next Cortex-M3 project.

Populated with the LPC1768 to demonstrate LPC176x features, the LPC1768 board allows the evaluation of the high level integration and low power consumption of the LPC1768.

Order Number: OM11043

Features

- Convenient form-factor: 40-pin DIP, 0.1-inch pitch
- Drag-and-drop programming, with the board represented as a USB drive
- Easy-to-use online tools

Descriptive summary

ARM mbed LPC1768 Board

ARM's mbed LPC1768 Board lets you get up-and-running quickly in evaluating the superior performance and capability of the LPC1768. The LPC1768 is developed with an extensive set of peripherals that allow for a broad array of designs and applications.

Demo Box Contents

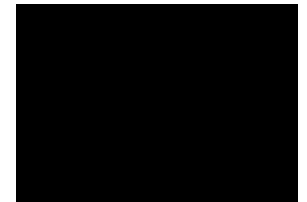
ARM mbed LPC1768 Board
 USB connector cable
 Setup Guide

Support Links

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Related Items:

- [Keil LPC1768 Evaluation Board](#)
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ARM mbed LPC1768 Schematic

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Documentation for this product

File name	Title	Type	Format	Date
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Demo boards

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Products

Type number	Description	Status	Quick access
LPC1763FBD100	Cortex-M3 with 256 kB flash, 64 kB SRAM, 12-bit ADC, DAC, I2S	Production	Download datasheet Order sample
LPC1764FBD100	Cortex-M3 with 128 kB flash, 32 kB SRAM, Ethernet, USB 2.0 Device, CAN, 12-bit ADC	Production	Download datasheet Order sample
LPC1765FBD100	Cortex-M3 with 256 kB flash, 64 kB SRAM, USB 2.0 Device/Host/OTG, CAN, 12-bit ADC, DAC, I2S	Production	Download datasheet Order sample
LPC1765FET100	Cortex-M3 with 256 kB flash, 64 kB SRAM, USB 2.0 Device/Host/OTG, CAN, 12-bit ADC, DAC, I2S	Production	Download datasheet Order sample
LPC1766FBD100	Cortex-M3 with 256 kB flash, 64 kB SRAM, Ethernet, USB 2.0 Device/Host/OTG, CAN, 12-bit ADC, DAC, I2S	Production	Download datasheet Order sample
LPC1767FBD100	Cortex-M3 with 512 kB flash, 64 kB SRAM, Ethernet, 12-bit ADC, DAC, I2S	Production	Download datasheet Order sample
LPC1768FBD100	Cortex-M3 with 512 kB flash, 64 kB SRAM, Ethernet, USB 2.0 Device/Host/OTG, 12-bit ADC, DAC, I2S	Production	Download datasheet Order sample



[LPC1768FET100](#) Cortex-M3 with 512 kB flash, 64 kB SRAM, Ethernet, USB 2.0 Device/Host/OTG, 12-bit ADC, DAC, I2S

Production

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[LPC1769FBD100](#) Cortex-M3 with 512 kB flash, 64 kB SRAM, Ethernet, USB 2.0 Device/Host/OTG, 12-bit ADC, DAC, I2S

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