



OM11043



ARM mbed LPC1768 Board

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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

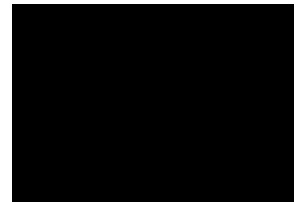
ARM mbed LPC1768 Board
USB connector cable
Setup Guide

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Related Items:

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ARM mbed LPC1768
Schematic

Quick ordering

OM11043,598

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Documentation for this product

File name	Title	Type	Format	Date
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Demo boards

Type number	Ordering code(12NC)	Orderable part number	Products status	Region	Distributor	In stock	Order quantity	Inventory date	Buy online
OM11043	9352 903 61598	OM11043,598	Volume production	NA	MOUSER ELECTRONICS	193		12/11/2012	Buy
				NA	DIGI-KEY CORPORATION	135		12/11/2012	Buy
				NA	NEWARK/ELEMENT14	20		12/11/2012	Buy
				NA	FUTURE ELECTRONICS	6		12/11/2012	Buy
				EU	FUTURE ELECTRONICS UK	6		12/11/2012	Buy
				AS	FUTURE ELECTRONICS- ASIA	6		12/11/2012	Buy
				NA	ARROW ELECTRONICS	1		12/11/2012	Buy

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

Production

Download datasheet



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