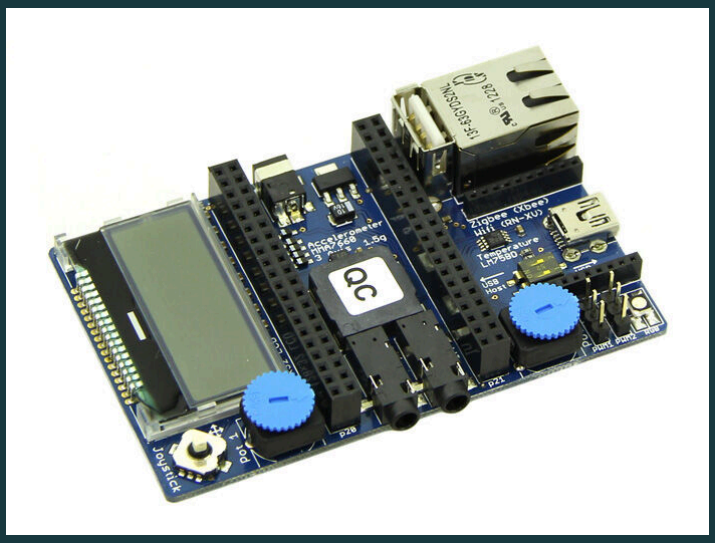
seeed studio

INDUSTRIAL PRODUCT DATASHEET

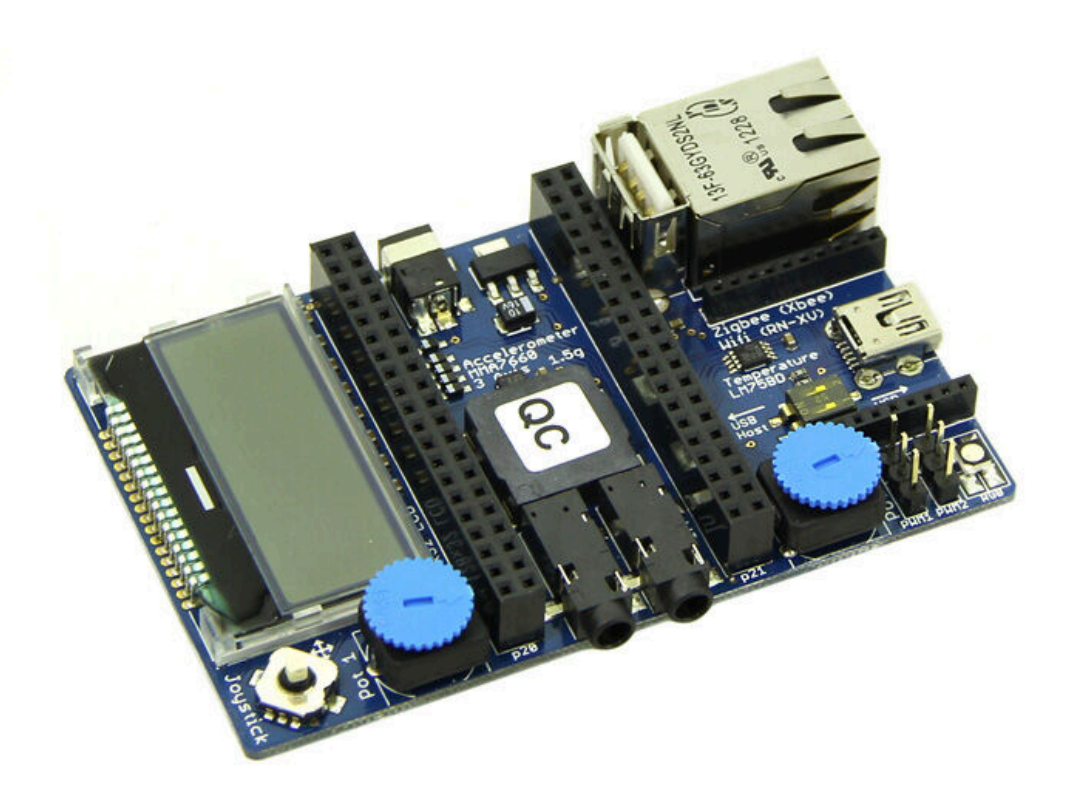
mbed Application Board for LPC1768

A retired expansion board for LPC1768 offering LCD, sensors, audio, and connectivity in a minimal footprint.

SKU	UPDATED	PRICE
103990015	2024-08-09 02:09:42	$59.95(Excl. VAT)



Overview



The mbed Application Board for LPC1768 is a compact expansion board packed with peripherals including LCD, sensors, audio, and connectivity for rapid prototyping. It is retired; consider Arch Link as an alternative.

Key Features

This product is retired, please consider our **Arch Link** as your alternative choice.

Get rid of the bland program learning experience. This mbed application board is designed to enable the maximum number of potential experiments and projects with the minimum footprint.

This board is a convenient expansion for mbed LPC1768 module. Insert your LPC1768 into the double-row header in the heart of the board, then ready to pump blood into all resources around the board and make it alive!

Resources are intensely organized into this board. You can find displays as LCD and RGB LED; sensors as accelerometer and temperature sensor; HIDs as joystick and potentiometer; actuator interfaces as servo motor header and loudspeaker; and communication interfaces as audio jack, Ethernet connector and Bee socket.

Flip it over and there is a pin map of all resources for your quick reference. It's a lovely design cause most of us don't bring user manual all the time. But what if you want more info than just pin mapping? Try out the QR code that silkscreened on the back. It leads you to the product page in need.

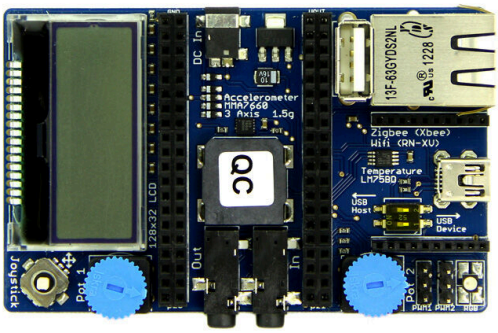
Features

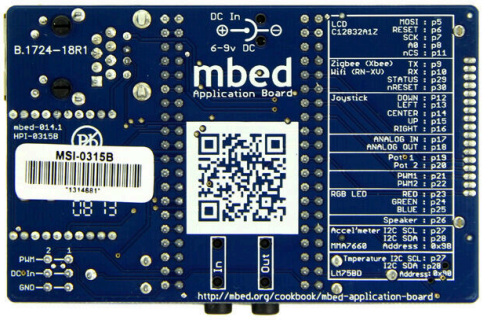
- Comprehensive & Thorough
- Ideal for learning

Partlist

- 128x32 Graphics LCD
- 5 way joystick
- 2 x Potentiometers
- 3.5mm Audio jack (Analog Out)
- Speaker, PWM Conencted
- 3 Axis +/1 1.5g Accelerometer
- 3.5mm Audio jack (Analog In)
- 2 x Servo motor headers
- RGB LED, PWM connected
- USB-mini-B Connector
- Temperature sensor
- Socket for for Xbee (Zigbee) or RN-XV (Wifi)
- RJ45 Ethernet conenctor
- USB-A Connector
- 1.3mm DC Jack input

Product Gallery





Compliance & Logistics

HSCODE	9032900090
ROHS	1

Resource Links

- https://www.seeedstudio.com/mbed-Application-Board-for-LPC1768-p-1559.html

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com