



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!



Contact us

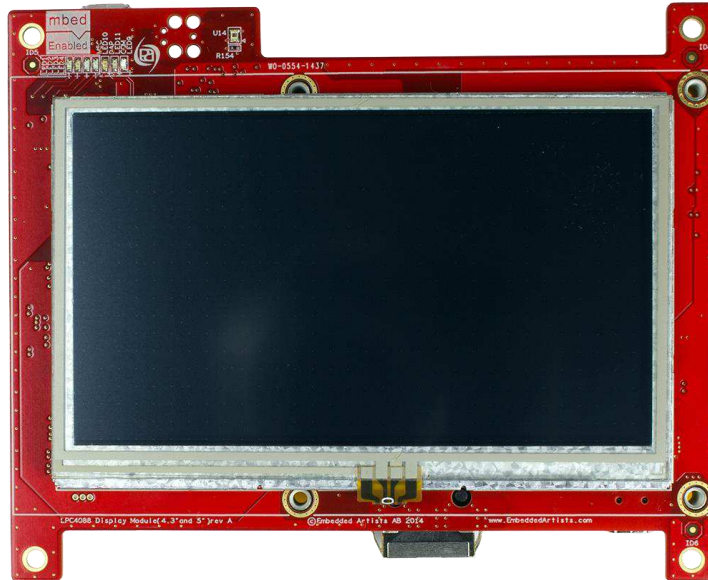
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Embedded Artists' LPC4088 Display Module lets you get up-and-running quickly with graphical applications, the mbed-platform and Cortex-M4F programming in general. Communication interfaces, large on-board memories and LCD controller/display enables graphical user interface (GUI) and communication gateway designs. On-board connectors and industrial design makes the module perfect for product integration.



Feature summary

The LPC4088 Display Module includes the following features:

Display

- 4.3" color TFT capacitive touch LCD, 480 x 272 pixel

Processor

- 120 MHz Cortex-M4F LPC4088 MCU from NXP

On-module memories

- 512 kB LPC4088 on-chip flash

Connectors/Interface

- 100/10 Mbps Ethernet with RJ45 connector
- USB Host interface with USB-A connector
- USB Device interface with mini-B connector
- XBee™ compatible connector for RF module add-on
- mbed HDK debug interface connector (USB micro-B)
- uSD/transflash memory card interface connector
- mbed-enabled via on-board HDK (CMSIS-DAP interface, USB drag-n-drop, Virtual COM port)

Connectors/Interface

- SWD/JTAG connector (ARM standard Cortex Debug Connector)
- SWD Tag-Connect™ connector

Power

- External 5 V DC supply
- Micro-B USB HDK connector

LPCOpen drivers and examples

LPCOpen software packages allow users to quickly and easily utilize NXP's extensive array of microcontroller software libraries to create and develop multifunctional products. Drivers for the LPC4088 Display Module can be downloaded for free at <http://www.lpcware.com/lpcopen>.

Board specifications

Recommended operating conditions: 0 to 70°C ambient

Weight: 5.6 ounces

Size: 123 x 59mm (4.8 x 3.8 inches)

The LPC4088 Display Module is RoHS compliant.

Please be aware that important notices concerning this document and the product(s) described herein, have been included in the section 'Legal information'.

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For more information, please visit: <http://www.nxp.com>

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