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
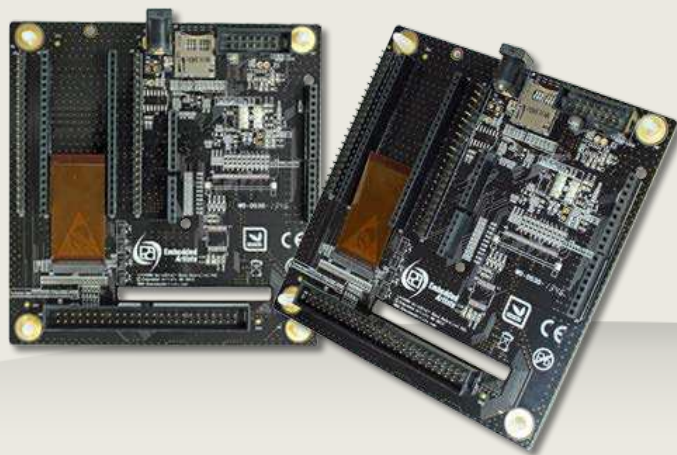
Art. EA-QSB-017

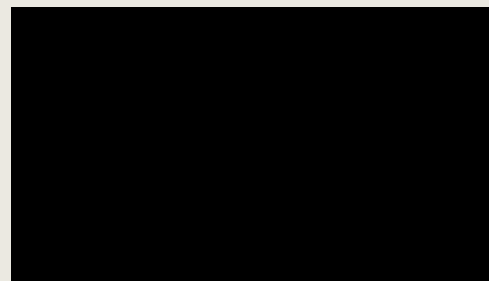**[High Resolution Photos]**

LPC4088 QSB BASE BOARD

Embedded Artists' **LPC4088 QSB Base Board** makes it possible to get up-and-running quickly with the **LPC4088 QuickStart Board**. This base board adds several expansion connectors to the LPC4088 QuickStart Board and makes it especially easy to connect displays to the board.
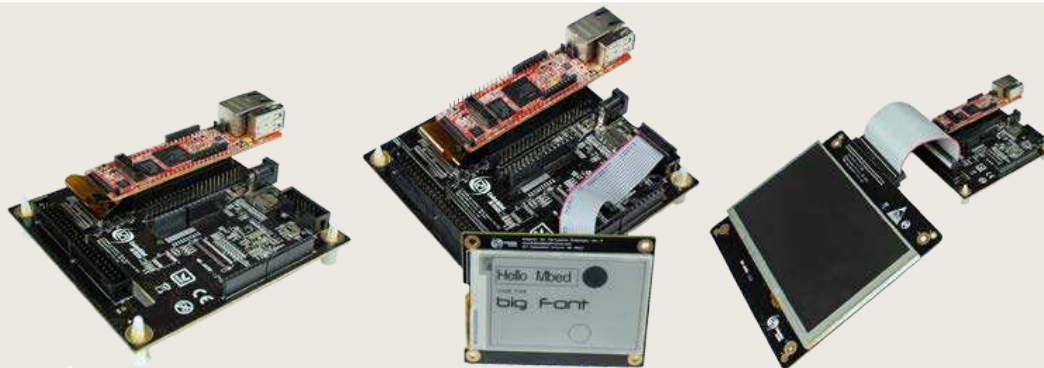
Display Options

Note that display options are sold separately:

- **4.3 inch TFT LCD with resistive touch** - via LCD Expansion connector
- **7.0 inch TFT LCD with resistive touch** - via LCD Expansion connector
- **2.7 inch E-paper Display Module** - via Serial Expansion Connector

Introduction Video

SPECIFICATION

LPC4088 QSB Base Board

Interfaces / Connectors	• 2x22 headers for LPC4088 QuickStart Board • 2x22 pin list for prototyping • **Arduino compatible** expansion connectors (for Arduino shields) • **Serial Expansion Connector**, 14-pos connector with UART/I2C/SPI/GPIO pins • **LCD** expansion connecor with control signals for touch screen interface • micro-SD interface & connector • +5V DC power supply input connector (2.1mm jack)
Dimensions	110 x 114 mm

DOCUMENTATION AND RESOURCES

Documents

- **Board Schematics** (note that not all components in the schematic are mounted - components on page 5 and 6 are not mounetd)
- **Embedded Artists' general RoHS 2 declaration**

INCLUDED IN KIT

- LPC4088 QSB Base Board
- 61 pos 0.3 mm pitch FPC cable (for connecting to the LCD expansion connector on the LPC4088 QuickStart Board)

RELATED PRODUCTS

61-pos FPC cable 0.3 mm pitch
Order number: EA-ACC-025

LCD Board, 4.3 inch TFT 480x272
Order number: EA-LCD-004

LCD Board, 7 inch TFT 800x480
Order number: EA-LCD-006

2.7 inch E-paper Display
Order number: EA-LCD-009

LPC4088 QuickStart Board
Order number: EA-QSB-016

FAQ

- **How do I get the schematic?**
- **Are your boards RoHS 2 compatible?**
- **What chip revision are your boards using?**
- **Is the design files available (schematic, layout, BOM and Gerber files)?**
- **What is the warranty for your boards?**
- **Where is the serial number?**
- **Do you have high resolution photos of your products?**
- **Do you have a long-term commitment to production and availability of your boards?**
- **I cannot download the manuals or files in general. What to do?**
- **How to erase flash on devices when JTAG/SWD interface accidentally disabled or PLL programmed wrongly by application program that is already in flash?**
- **Are your OEM boards EMC tested/certified?**
- **Which free graphical libraries exist for NXP's processors?**
- **What software development environment (IDE, compiler, debugger) is included when buying your boards?**

USEFUL INFORMATION

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