Chipsmall

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!

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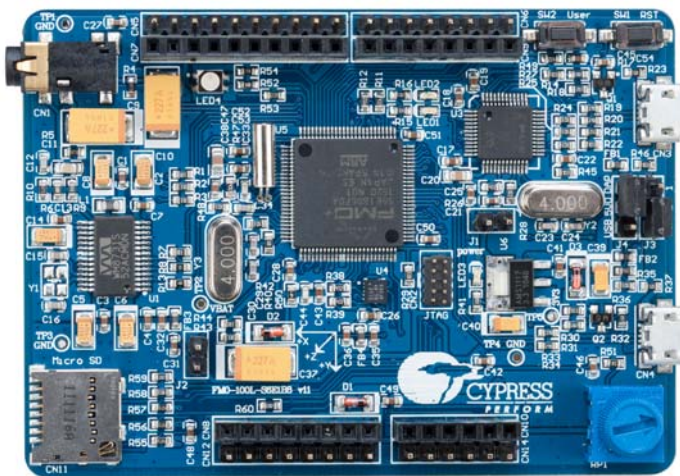
FM0-100L-S6E1B8 - ARM® Cortex®-M0+ MCU Starter Kit with USB and SD Card Interface

Last Updated: Nov 30, 2015

Version: **

The FM0-100L-S6E1B8 MCU Starter Kit is a low cost development platform for Cypress's FM0+ S6E1B-Series, a Flexible Microcontroller family with an ultra-low-power 32-bit ARM® Cortex®-M0+ CPU. This kit enables rapid development of embedded systems with onboard interfaces including USB, micro SD Card and an Arduino™ Uno-compatible form-factor to prototype with Arduino shields.

Coming Soon in December 2015!

Featuring the FM0+ S6E1B-Series: ARM® Cortex-M0+ MCU

- 40MHz ARM® Cortex-M0+ MCU with 64-channel DMA
- 560KB flash, 64KB SRAM and 82 GPIOs
- High efficiency 52µA/CoreMark® Score
- Ultra-low-power consumption: Active - 65µA/MHz and Standby - 0.6µA
- Advanced peripherals: USB host and device, AES Encryption, HDMI-CEC and 8x Serial Interfaces

Flexible Arduino Uno Form-factor with Onboard sensors and CMSIS-DAP Debugger

- Arduino Uno form-factor to prototype with shields
- Includes onboard accelerometer, SD card interface, stereo codec, potentiometer and an RGB LED
- ARM® CMSIS-DAP interface for programming and debugging of the S6E1B8 device

Kit Contents:

- FM0+ S6E1B-Series Starter Board
- USB Standard-A to Micro-B cable
- Quick Start Guide