ARM   **MCB9B500 Evaluation Board**   **KEIL** Tools by ARM

Home   Products   Videos   Events   Support   Search Keil.com for: [_____] Go

Evaluation Boards
Overview
Third-Party Boards
Feedback

ARM Evaluation Boards
ARM7 Board Comparison
ARM9 Board Comparison
Cortex-M Board Comparison
  MCB1000
  MCB1200
  MCB1700
  MCB1800
  MCB9B500
    Specifications
    Starter Kit
    Knowledgebase Articles
    User's Guide
    Schematics
  MCBNUC1xx
  MCBSTM32
  MCBSTM32C
  MCBSTM32EXL
  MCBTMPM330
  MCBTMPM360
  MCBTMPM395
  Microcontroller Prototyping System
Cortex-R Board Comparison

C166 Evaluation Boards
C16x Board Comparison
  MCBXC167 Evaluation Board

C251/C51 Evaluation Boards
8051 Board Comparison
  MCBx51 Evaluation Board
  MCB900 Evaluation Board
  MCB950 Evaluation Board
  MCBXC866 Evaluation Board
  MCBXC88x Evaluation Board

MCB9B500

Evaluation Board and Starter Kit

The Keil MCB9B500 Evaluation Board enables you to create and test working programs based on the Fujitsu MB9BF500 family of ARM Cortex™-M3 processor-based devices.

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Features

- 80MHz MB9BF506 ARM Cortex-M3 processor-based MCU in 120-pin LQFP
- On-Chip Memory: 512KB Flash & 32KB RAM
- USB 2.0 Full Speed Device, Host, and OTG Interfaces
- UART, I^{2}C, CAN, LIN, and 76 GPIO via PCB headers
- Potentiometer for ADC Input
- 8 LEDs and 5 Push Buttons
- Power via USB connector
- Debug Interface Connectors
  - 10-pin Cortex debug (0.05 inch connector)
  - 20-pin Cortex debug + ETM Trace (0.05 inch connector)

Evaluation Software

The MCB9B500 Evaluation Board and Starter Kit include the MDK-ARM Evaluation Tools. These tools help you get started writing programs and testing the microcontroller and its capabilities. Sample applications that run on the MCB9B500 and a Quickstart guide are included.

Ordering Information

The MCB9B500 will be available during Q1, 2011.

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