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

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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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