

[Contact Us](#)[Worldwide: United States](#)[中国](#)[日本語](#)[한국어](#)[Log](#)[Products](#)[Applications](#)[Technologies](#)[Support](#)[Buy](#)[A](#)[Freescale](#) [68K/ColdFire](#) [ColdFire®](#) [V2 MCU](#) [M52233DEMO](#)

M52233DEMO: Low-Cost Development Kit for MCF5223x Microcontrollers

[Overview](#)[Documentation](#)[Downloads](#)[Buy / Parametrics](#)[Buy](#)

The M52233DEMO development system for the MCF52233 ColdFire microcontroller provides a fully functional low cost vehicle for embarking on a high-performance embedded design of the MCF5223x Family of ColdFire microprocessors. Application development is quick and easy with the included DB9 serial cable and integrated BDM. The integrated BDM allow easy application development and

debugging. An optional BDM port compatible with standard ColdFire BDM / JTAG interface cable and hosting software is provided, but not installed.

In addition this low-cost development system offers an impressive array of complementary software. Included with the evaluation kit is a fully licensed, complimentary Special Edition of the CodeWarrior Development Studio for ColdFire Architectures for development of applications up to 128Kbytes code size, as well as a host of other low cost and professional tools from leading 3rd party tool vendors, including a complementary ColdFire TCP/IP stack by InterNiche.

See the [MCF5223X](#) product page for more information on how to evaluate each microcontroller using the M52233DEMO.

Features

MCF52233 CPU

- 60Mhz internal Bus
- 256-Kbyte Flash
- 32-Kbyte RAM
- 80 LQFP Package
- DMA controller with Timers
- Programmable Interrupt Timer
- 8ch x 12-Bit ADC
- QSPI, IIC, and CAN Serial ports
- Fast Ethernet Controller (FEC) and Ethernet Phy (ePHY)
- (3) UART Serial Ports with DMA Capability
- (4) GPT Timers
- BDM / JTAG Ports
- 3.3V Operation

User Features

- 3-axis Accelerometer

Kit Contains

- M52233DEMO Single Board Computer
- M52233DEMO User's Manual
- One RS232 communication cable
- One BDM (Background Debug Mode) "wiggler" (
- MCF52233UM ColdFire Integrated Microprocess
- ColdFire® Programmers Reference Manual
- A selection of Third Party Developer Tools and L
- ColdFire TCP/IP Stack by InterNiche

- 4 User LED's with enable
- 2 User push switches
- 5k ohm POT with enable

Software

- Evaluation software from leading 3rd party tool vend
- InterNiche TCP/IP Stack