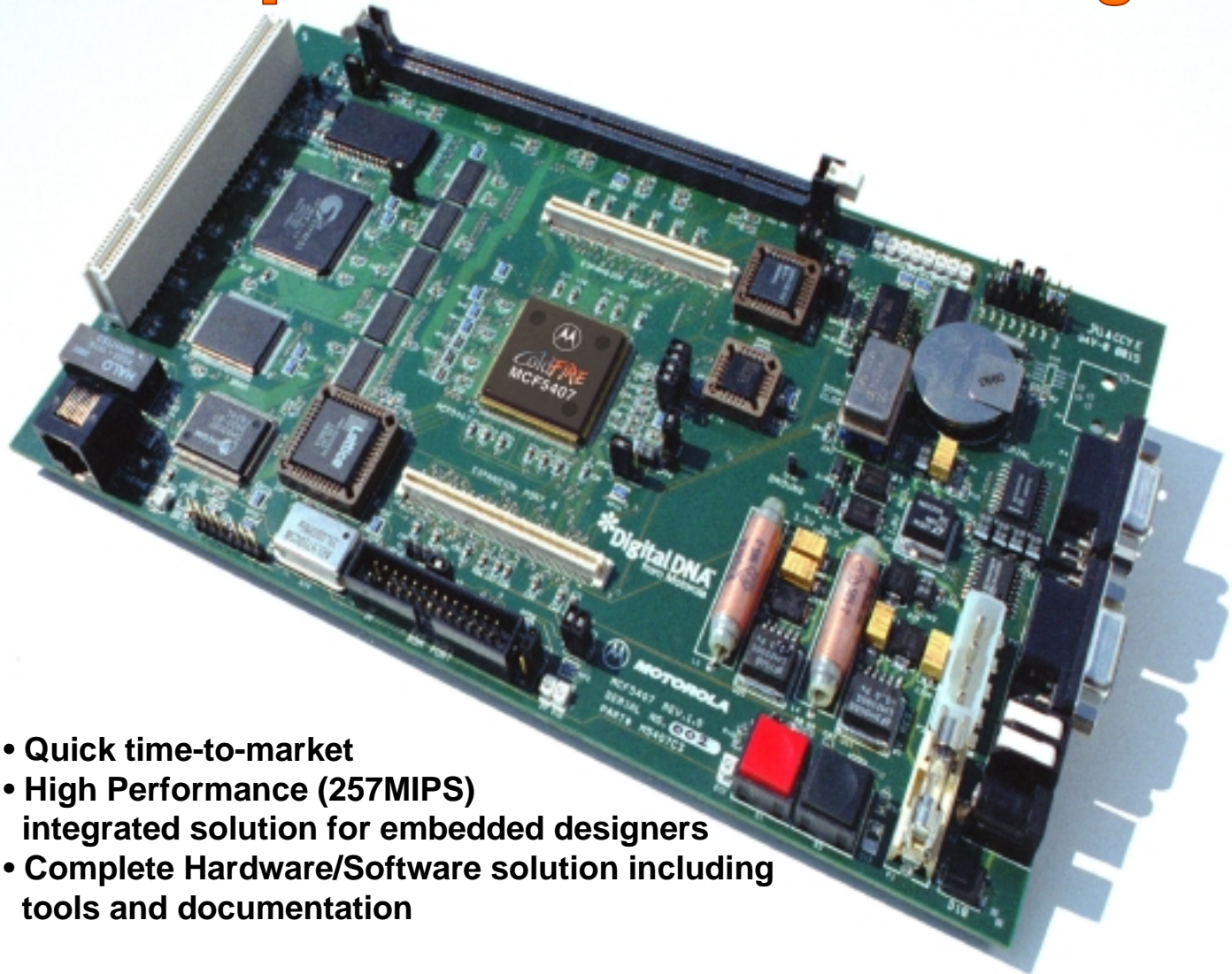




ColdFire[®] Processor

M5407C3

Complete Evaluation Package



- **Quick time-to-market**
- **High Performance (257MIPS) integrated solution for embedded designers**
- **Complete Hardware/Software solution including tools and documentation**

The M5407C3 evaluation package provides a complete hardware/software solution. The package includes an evaluation board with the MCF5407 ColdFire Processor, including a complete set of documentation, and evaluation copies of multiple third party developers' tools. The board provides SDRAM, Flash EEPROM, RS232 ports, and all the built-in I/O functions of the MCF5407 processor for evaluating and developing the attributes of this device. To further enhance the capabilities of the development board, the kit includes software from

Motorola and third parties, along with the complementary hardware to fully evaluate the MCF5407 processor. An on-board ROM monitor provides the capability to read and write registers and memory, disassemble assembly code, as well as write assembly code using the ColdFire processor in-line assembler. For users who wish to evaluate the ColdFire architecture using software written for 68K devices, a code converter is available for download from the ColdFire web-site free of charge (licensing agreement applies).



Summary of Features

Evaluation Board

- MCF5407 processor running at 50MHz/150MHz (External/Internal)
- ROM Monitor/Debugger programmed in 2Mbyte of Flash
- More than 1.5 Mbyte of Flash available for customer use
- 168-pin DIMM socket for up to 64Mbytes synchronous DRAM
- 4 channels of DMA (2 external)
- Two programmable UARTs - 1 available for customer use
- Background Debug Module (BDM) interface connector
- BDM cable
- Serial Cable
- Real-time clock and NVRAM
- PCI Interface Version 2.1
- LED display providing board status information
- Microprocessor expansion bus connectors to expand memory and I/O capabilities
- Ethernet Port at 10baseT
- Power supply requirements are 8V to 24V D.C. @ 1A min
- Tool Developer Evaluation Software
- Complete Documentation

Ordering Information

Motorola Part Number - M5407C3

Contact your local distributor or Motorola Sales Office for more information

<http://www.motorola.com/ColdFire/>

