*CODEWARRIOR™
DEVELOPMENT SYSTEM*

FOR M•CORE 2107

MOTOROLA *intelligence everywhere* ™ | *digital dna* ™

OVERVIEW

CodeWarrior development systems were designed for fast set-up and installation, allowing you to be productive in minutes. This comprehensive development environment tightly integrates Motorola's MMC2107 development platform with the CodeWarrior Integrated Development Environment. It's a complete solution that also includes example software and hardware to jump-start your product development.

WHY DEVELOP APPLICATIONS WITH CODEWARRIOR?

Get to Market, Fast

Speed your time to market by creating, compiling, linking, assembling and debugging within a single, integrated development environment. Use our tightly-integrated tools to speed your development time or "plug-in" familiar third-party editors, compilers and debuggers.

Optimize Your Code

Create fast, highly-optimized code in the market with our industry leading ANSI C/C++ compilers. ELF/DWARF files are generated for execution and debugging. ROM-Bootable Flash programming code is included in the kit as a template.

Integrate Seamlessly

The CodeWarrior open architecture allows you to plug in your favorite editor or a third-party compiler. Use the same IDE to create software for multiple processors and architectures — an important part of the power and flexibility of CodeWarrior tools.

MM2107 development was never this easy.

Sturdy case for easy transport and storage

CodeWarrior M•CORE Development Tool Suite (full license)

MMC2107 CMB Evaluation Board

Metrowerks Target Resident Kernel (MetroTRK) for higher performance debugging

Complete documentation package and Quick Start guides

Metrowerks T-shirt

Enhanced Background Debug Interface (EBDI) connection device

All the necessary power supplies, global plug adapters & cables

Multi-function tool

CMB device drivers

THE FAST-TRACK TO SOFTWARE DEVELOPMENT FOR THE MMC2107:

Within minutes you can be developing your application through a simple to use, yet sophisticated Integrated Development Environment (IDE) based on an MMC2107 development platform.

COMPREHENSIVE DEVELOPMENT ENVIRONMENT:

CodeWarrior for M•CORE Embedded Systems is a powerful yet easy-to-use tool suite designed specifically to increase your software development productivity. The CodeWarrior Integrated Development Environment provides unparalleled, intuitive GUI-based development tools for the M•CORE family of microcontrollers, hosted on Windows. This IDE includes an advanced compiler, assembler, debugger, linker for C, C++ and Assembly. The state-of-the-art CodeWarrior project manager and build system, code browser and code navigation system allow you to write solid code while accelerating your compile-build-debug cycles. Because the CodeWarrior development environment is tightly integrated, you'll spend less time navigating between tools and more time generating code.

EXAMPLE HARDWARE AND SOFTWARE TO KICK-START YOUR DEVELOPMENT:

What could be better than actual operating code installed on the development board as a reference? Burned into on-board flash is the Metrowerks Target Resident Kernel (MetroTRK) ROM monitor. The source code for MetroTRK can be found on the CodeWarrior CD to understand how the MMC2107 and its peripherals are being initialized. Additional MMC2107 peripheral initialization examples can be found as example projects within the CodeWarrior IDE.

Need to understand how to design the MMC2107 into your actual system? Full schematics for the development board can be found in the user's manual for the board. Additional help in the form of applications notes for specific hardware design issues can be found on the Motorola support site for the MMC2107.

SYSTEM REQUIREMENTS
- 133 MHz Intel® Pentium® or AMD-K6® or higher
- Windows® 95/98/2000/NT 4.0
- 32 MB RAM
- 130 MB hard disk space
- CD-ROM drive for installation

Metrowerks Support Policy
- Online help and documentation
- Free 90-day New User Technical Support
- Version update and support packages available
- Updated device drivers available on the web

Motorola Part Number
- MMC2107 Complete Development System CWDEVSYS2107CMB

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