

CROSSWARE® CFDS

ColdFire® Development Suite



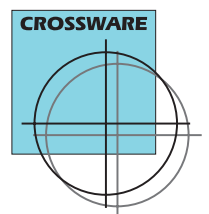
MCF5249 based MP3 player, recorder & FM radio running Freescale's TRIO digital audio software built with the Crossware version 4.0 ColdFire C/C++ compiler.



The Crossware ColdFire Development Suite includes:

- Support for ColdFire variants based up the version 2, 3 and 4 cores
- Advanced optimising C/C++ compiler, assembler, linker, library manager and libraries
- Source level simulator to debug without hardware
- Source level debugger to debug and program flash via the ColdFire BDM port
- Variant specific startup files, headers and wizards to get you started straight away
- Embedded Development Studio integrated development environment
- Manuals in printed and electronic form
- Technical support and updates for 12 months
- Optional FireFly USB BDM debugger interface

Note that some editions of the ColdFire Development Suite do not include technical support or a printed manual.



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About Crossware and the ColdFire Development Suite

Crossware Products was established in September 1984 to fill an important and expanding niche in embedded development software.

It developed tools for the M68000 as early as 1985 and in 1989 developed a C compiler and assembler to accompany Motorola's new 68EC020EVM evaluation board.

The Crossware C compiler and assembler for the ColdFire family was released in 1998 in response to demand from customers migrating from M680X0 to ColdFire processors. In 2000, simulation and debugging tools were released to produce a complete ColdFire Development Suite.

In 2004, the FireFly USB BDM debugger interface was introduced to provide a high speed alternative to the traditional parallel port interface.

In 2005, a major new version of the ColdFire C compiler was released incorporating many state-of-the-art compiler technologies, support for 64-bit integer arithmetic and support for complex linker scripting. This led to the release later in 2005 of a version that could build Freescale's TRIO MP3 digital audio software, becoming one of only two tool chains in the world that could build this complex application.

In 2006, the Crossware ColdFire C compiler became a C/C++ compiler.

The Crossware ColdFire Development Suite is used by developers in the United States, United Kingdom, Russia, Finland, the Netherlands, Germany, France, Mexico, Sweden, Taiwan, Australia, Switzerland, Italy, Ireland, Belgium, Austria, Slovenia, Czech Republic and Poland. It has been chosen by a major US manufacturer as the recommended tool suite for use by its' customers wishing to write applications that run on its' ThreadX based operating system.

Commercial applications developed with the Crossware ColdFire Development Suite are incorporated into a wide range of systems including digital audio broadcast mixing consoles, telecommunication systems, satellite tracking systems, gaming, avionics, laser safety systems, data collection systems, energy metering and audio systems.

In addition, thousands of industrial and academic students per year learn embedded systems programming using the Crossware ColdFire Development Suite.



The Crossware FireFly USB BDM interface provides the ColdFire Development Suite with a high speed debug interface. It is also available with Flash Studio - Crossware's stand-alone flash programming software.