

# ColdFire Development Tools

## DEVELOPMENT TOOLS FOR MCF547x AND MCF548x COLDFIRE® FAMILIES

### Evaluation Boards and Development Kits

Freescale Semiconductor	<a href="http://www.freescale.com">www.freescale.com</a>
Axiom	<a href="http://www.axiom.com">www.axiom.com</a>
FSI Systems	<a href="http://www.fsisys.com">www.fsisys.com</a>
Logic Product Development	<a href="http://www.logicpd.com">www.logicpd.com</a>
NetBurner	<a href="http://www.netburner.com">www.netburner.com</a>

### Real-Time Operating Systems (RTOSes)

Accelerated Technology/Mentor Graphics	<a href="http://www.acceleratedtechnology.com">www.acceleratedtechnology.com</a>
ARC International	<a href="http://www.arc.com/coldfire">www.arc.com/coldfire</a>
Green Hills Software, Inc.	<a href="http://www.ghs.com">www.ghs.com</a>
InterNiche Technologies	<a href="http://www.iniche.com">www.iniche.com</a>
Linux	<a href="http://www.linux.com">www.linux.com</a>
NetBurner	<a href="http://www.netburner.com">www.netburner.com</a>
Quadros Systems, Inc.	<a href="http://www.quadros.com">www.quadros.com</a>
Wind River Systems, Inc	<a href="http://www.windriver.com">www.windriver.com</a>

### Compilers, Simulators, Debuggers

Accelerated Technology/Mentor Graphics	<a href="http://www.acceleratedtechnology.com">www.acceleratedtechnology.com</a>
CodeWarrior™ tools	<a href="http://www.metrowerks.com">www.metrowerks.com</a>
GNU	<a href="http://www.gnu.org">www.gnu.org</a>
Green Hills Software, Inc.	<a href="http://www.ghs.com">www.ghs.com</a>
P&E Microcomputer Systems	<a href="http://www.pemicro.com">www.pemicro.com</a>
NetBurner	<a href="http://www.netburner.com">www.netburner.com</a>
Wind River Systems, Inc	<a href="http://www.windriver.com">www.windriver.com</a>

### Stacks, Drivers, Translators

Accelerated Technology/Mentor Graphics	<a href="http://www.acceleratedtechnology.com">www.acceleratedtechnology.com</a>
ARC International	<a href="http://www.arc.com/coldfire">www.arc.com/coldfire</a>
Freescale	<a href="http://www.freescale.com">www.freescale.com</a>
Green Hills Software, Inc.	<a href="http://www.ghs.com">www.ghs.com</a>
InterNiche Technologies	<a href="http://www.iniche.com">www.iniche.com</a>
Ixxat	<a href="http://www.ixxat.com">www.ixxat.com</a>
Micro APL	<a href="http://www.microapl.com">www.microapl.com</a>
Mocana Corporation	<a href="http://www.mocana.com">www.mocana.com</a>
NetBurner	<a href="http://www.netburner.com">www.netburner.com</a>
OpenTCP	<a href="http://www.opentcp.org">www.opentcp.org</a>
Quadros Systems, Inc.	<a href="http://www.quadros.com">www.quadros.com</a>
Wind River Systems, Inc	<a href="http://www.windriver.com">www.windriver.com</a>

### Enhanced Time Processing Unit (eTPU) Tools

ASH WARE Inc.	<a href="http://www.ashware.com">www.ashware.com</a>
Byte Craft Limited	<a href="http://www.bytecraft.com">www.bytecraft.com</a>
Freescale	<a href="http://www.freescale.com">www.freescale.com</a>

### Overview

Freescale Semiconductor's ColdFire® family of 32-bit microprocessors is backed by an unbeatable selection of development tools, both from Freescale and the industry's leading third-party vendors. These tools help you get the most out of Freescale processors in all phases of the design process.

### ColdFire Evaluation/Development Boards and Systems

- > **M5206EC3**  
Evaluation System for the MCF5206e
- > **M523xEVB**  
Evaluation System for the MCF523x Family
- > **M5249C3**  
Evaluation System for the MCF5249
- > **M5271EVB**  
Evaluation System for the MCF5270 and MCF5271
- > **M5272C3**  
Design Evaluation System for the MCF5272
- > **M5275EVB**  
Evaluation System for the MCF5274/L and MCF5275/L
- > **M5282EVB**  
Evaluation Board for the MCF5214/16 and MCF5280/81/82
- > **M5307C3**  
Evaluation System for the MCF5307
- > **M5407C3**  
Evaluation System for the MCF5407
- > **M5475EVB**  
Evaluation System for the MCF547x Family
- > **M5485EVB**  
Evaluation System for the MCF548x Family

### ColdFire Low-Cost Development Systems

- > **M5206ELITE**  
Low-Cost Board for the MCF5206e
- > **M5235BCC**  
Low-Cost Board—Business Card Computer—for the MCF5235
- > **M5235BCCkit**  
Low-Cost Development Kit for the MCF5235
- > **M5270PROMO**  
Lite Low-Cost Kit for the MCF5270
- > **M5282LITE**  
Low-Cost Board for the MCF5282
- > **M5282LITEKIT**  
Low-Cost Development Kit for the MCF5282
- > **M5474LITEkit**  
Low-Cost Board for the MCF547x Family
- > **M5484LITEkit**  
Low-Cost Board for the MCF548x Family
- > **NB5270PRO**  
Full Low-Cost Kit for the MCF5270

### PRODUCTION-READY DEVELOPMENT BOARDS

Fire Engine Part Number	DDR Memory (MB)	NOR Flash (MB)	Boot Flash	Graphics Controller	USB Host	Freescale Processor
M5475AFE	64	0	X	-	-	MCF5475ZP266
M5475BFE	64	16	X	-	-	MCF5475ZP266
M5475CFE	64	16	X	X	X	MCF5475ZP266
M5475DFE	64	0	X	-	X	MCF5475ZP266
M5475EFE	64	0	X	X	X	MCF5475ZP266
M5475FFE	128	32	X	X	X	MCF5475ZP266
M5485AFE	64	0	X	-	-	MCF5485CZP200
M5485BFE	64	16	X	-	-	MCF5485CZP200
M5485CFE	64	16	X	X	X	MCF5485CZP200
M5485DFE	64	0	X	-	X	MCF5485CZP200
M5485EFE	64	0	X	X	X	MCF5485CZP200
M5485FFE	128	32	X	X	X	MCF5485CZP200

MOD5270: MCF5270 processor, 10/100 Ethernet RJ-45, 2 MB SDRAM/512 KB Flash, three UARTs, address/data bus, QSPI, I<sup>2</sup>C, CS, GPIO

**Learn More:** For more information about Freescale products, please visit [www.freescale.com](http://www.freescale.com).