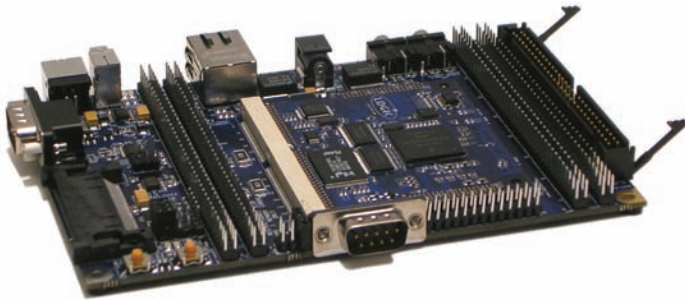


**PRODUCT BRIEF:**

Logic :: Freescale

## ZOOM™ COLDFIRE SDK Development Kit

By providing a product-ready software and hardware platform, Logic's embedded product solutions fast forward product development and helps your company stay focused on its high-value core technologies. The Zoom™ ColdFire SDK is a low-cost, high-performance application development kit for evaluating the functionality of the Freescale ColdFire processor and Fire Engine.



ZOOM™ COLDFIRE SDK WITH FIRE ENGINE INCLUDED

Application development is performed right on the product-ready Fire Engine and software Board Support Packages (BSPs) included in the kit, which enables customers to seamlessly transfer their application code and hardware into production.

The Fire Engine is ideal for applications in the medical, point-of-sale, industrial, and security markets. From patient monitoring and medical imaging, to card payment terminals and bar code readers, to CCTV cameras and intruder alarms, the Fire Engine allows for powerful versatility and long-life products.

The Zoom ColdFire SDK includes the MCF5329/73 Fire Engine, application baseboard, and accessories required to immediately begin development work.

**ZOOM™ COLDFIRE SDK :: HIGHLIGHTS:**

- +Low-cost development kit
- +Includes product-ready Fire Engine
- +Compact size
- +Ready to run Board Support Packages (BSPs)

**FIRE ENGINE :: BENEFITS:**

- +Long product lifecycle
- +Scalability
- +SOM Card Engine form factor
- +See MCF5329 Fire Engine product brief for more information

## ZOOM™ ColdFire SDK Ordering Information

Freescale P/N	SOM Configuration	Recommended Resale
M5329EVBE	M5329BFE	\$699
M5373EVB	MCF5373	\$699

## MCF5329 Fire Engine Ordering Information

Freescale P/N	Speed (MHz)	SDRAM (MB)	NAND Flash (MB)	NOR Flash (MB)	Touch	Audio	Ethernet
M5329AFE	240	32	0	2	Y	Y	Y
M5329BFE	240	32	16	2	Y	Y	Y

## MCF5373 Fire Engine (only available with the M5373EVB Development Kit)

Freescale P/N	Speed (MHz)	SDRAM (MB)	NAND Flash (MB)	NOR Flash	Touch	Audio	Ethernet
MCF5373	240	32	16	2	--	Y	Y

## ZOOM™ Display Kit Ordering Information

Model Number	Sharp LCD P/N	Display Size	Display Format	LCD Interface	Key Features
LCD-3.6-QVGA-10R	LQ036Q1DA01	3.6"	QVGA 320x240	TFT	Color, transmissive
LCD-6.4-VGA-10R	LQ64D343	6.4"	VGA 640x480	TFT	Color, transmissive

### LOGIC WEBSITE :: DESIGN RESOURCES:

- +Logic Technical Support : <http://www.logicpd.com/support/>
- +Technical Discussion Group : <http://www.logicpd.com/support/tdg/>
- +Frequently Asked Questions (FAQ) : <http://www.logicpd.com/support/faq/>
- +For more information contact Logic Sales : [product.sales@logicpd.com](mailto:product.sales@logicpd.com)



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T : 612.672.9495 F : 612.672.9489 I : [www.logicpd.com](http://www.logicpd.com)



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## Product Features

### Fire Engine Included

+Includes M5329BFE or MCF5373

### LCD Display Connector

+Integrated LCD, touch, and backlight connector for Zoom Display Kits (only available on the M5329EVBE)

### Audio

+Stereo input and output jacks

### Network Support

+One RJ45 Ethernet jack connector with magnetics (application/debug)

### PC Card Expansion

+CompactFlash® Type I card (memory-mapped mode only)

### USB

+One USB 2.0 full-speed host  
+One USB 2.0 full-speed device

### Serial Ports

+115.2kbps RS-232 debug serial port

### CAN 2.0B

+One port configurable as CAN or a second serial (only available on the M5329EVBE)

### Software

+LogicLoader™ (bootloader/monitor)  
+Freescale dBUG ROM monitor  
+Multiple third-party software options

### Cables

+Serial cable (null-modem)  
+USB cable  
+Ethernet crossover cable  
+5 volt power supply (with Europe, Japan, UK, & US adapters)

### BDM Interface

### Mechanical

+102 mm wide x 152 mm long x 16.8 mm high

### RoHS Compliant

PN: 1004116 Rev G