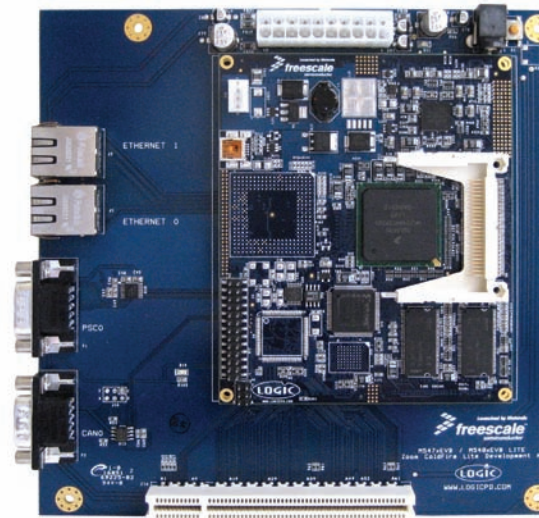# ZOOM™ ColdFire LITEKIT Development Kit

By providing a product-ready hardware and software platform, Logic's embedded solutions fast forward development and help engineers stay focused on their high-value core technologies. The Zoom™ ColdFire LITEKIT is a low-cost, high-performance method of evaluating the Freescale ColdFire processor and Fire Engine System on Module (SOM).

Logic's Fire Engine is ideal for applications in the industrial, medical, and point-of-sale markets. The Fire Engine uses the SOM-ETX form factor and the Freescale MCF5484 ColdFire processor to provide the engineer with a broad range of peripherals.

By starting their design with the Zoom™ ColdFire LITEKIT, developers can write application software on the same hardware that will be used in the final product.

The Zoom™ ColdFire LITEKIT includes the Fire Engine, application baseboard, and accessories required to immediately begin development work.

ZOOM™ COLDFIRE LITEKIT WITH FIRE ENGINE INCLUDED

ZOOM™ COLDFIRE LITEKIT :: HIGHLIGHTS:

+Low-cost development kit

+Includes product-ready Fire Engine System on Module (SOM)

+Mini-ITX form factor baseboard 170 mm x 170 mm x 33 mm

+Ready to run Board Support Packages (BSPs)

FIRE ENGINE :: BENEFITS:

+Long product life-cycle

+Scalability

+SOM-ETX form factor 95 mm x 114 mm x 13.8 mm

+0 ℃ to 70 ℃ (commercial temp)

+See MCF548x Fire Engine product brief for more information

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ZOOM™ ColdFire LITEKIT Development Kit Ordering Information

Freescale PN	SOM Configuration	Recommended Resale
M5484LITEKITE	M5484GFEE	$350

MCF5484 Fire Engine Ordering Information

Freescale PN	Speed (MHz)	SDRAM (MB)	Boot Flash (MB)	NOR Flash (MB)	Graphics	Audio	Ethernet
M5484GFEE	up to 200	64	4	0	—	Y	Y

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

Product Features

Fire Engine Included
+Includes M5484GFEE

Network Support
+Two RJ45 Ethernet jack connectors with magnetics

PC Card Expansion
+One PCI 2.2 connectors

USB
+One USB 2.0 mini-B device interface (located on Fire Engine)

Serial Ports
+Two RS-232 debug serial ports

CAN
+Two CAN 2.0B ports

Software
+LogicLoader™ (bootloader/monitor)
+Freescale dBUG ROM monitor
+Linux
+Other third-party options

Cables
+Serial cable (null-modem)
+Ethernet crossover cable
+BDM interface and cable
+5 volt power supply

Mechanical
+SOM-ETX form factor Fire Engine
  95 mm wide x 114 mm long x 13.8 mm high
+Mini-ITX form factor baseboard
  170 mm wide x 170 mm long x 33 mm high

RoHS Compliant

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embedded product solutions

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