Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us
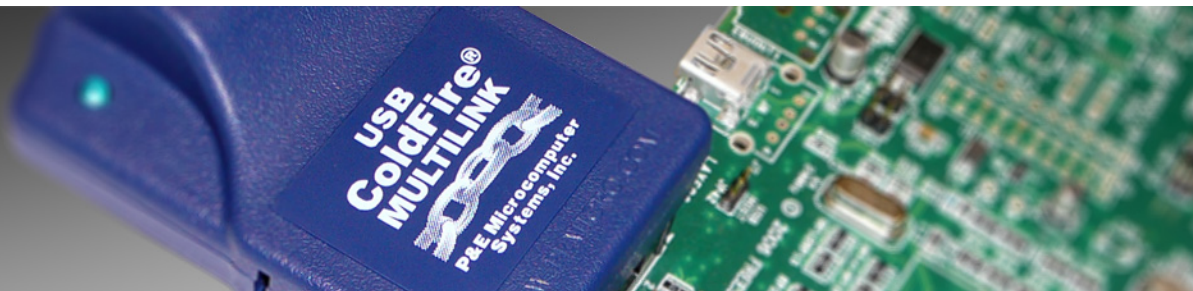
USB ColdFire Multilink: Development Made Easy
Reliable & Cost-Effective

Overview

P&E's **USB ColdFire® Multilink** is an easy-to-use debug and programming interface for Freescale's **ColdFire V2/V3/V4** line of microprocessors. The USB ColdFire Multilink is a member of P&E's family of USB Multilinks, which allow the PC to communicate with a target processor through the USB port of the PC. The Multilink controls the microprocessor by accessing the **Background Debug Mode (BDM)** of the target.

The USB ColdFire Multilink's speed and reliability make it ideal for development, and it is supported by P&E software, Freescale's Codewarrior, and other third-party software (available separately). P&E's **ColdFire In-Circuit Programmer** can be used with the Multilink to program internal and external flash memory devices. The USB ColdFire Multilink also works with P&E's **ColdFire In-Circuit Debugger** to control the target processor's execution, read/write registers and memory, and perform full C source-level debug.

More information on the USB ColdFire Multilink is available at **www.pemicro.com**.

P&E ColdFire Interface DOWNLOAD SPEEDS					Measured on a 66MHz MCF5272
P&E Interface	Serial Port	Parallel Port	USB Port	PCI Card	Ethernet Port
Cyclone MAX Rev. B	6 KBps		172 KBps		234 KBps
CABLE_CFLV Rev. F		13 KBps			
USB-ML-CF Rev. C			50 KBps		

Target Architectures
· ColdFire® V2/V3/V4

Applications
· Development/Prototyping

Hardware Features
· Fast, hassle-free USB 2.0 communications interface
· Draws power directly from the USB port – no external power supply needed
· Multi-voltage support for targets ranging from 1.8 to 5.5 Volts
· Compact size

Software Compatibility
· P&E ColdFire In-Circuit Debugger
· P&E Coldfire In-Circuit Programmer
· Freescale CodeWarrior
· Greenhills Multi
· CodeSourcery GNU Tools
· Mentor Graphics Edge

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