USB PowerPC® Nexus Multilink: Development Made Easy
Reliable & Cost-Effective

Overview

P&E's **USB PowerPC® Nexus Multilink** is an easy-to-use debug and programming interface for Freescale's **PowerPC MPC55xx** line of microprocessors. The USB PowerPC Nexus 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 Multillink controls the microprocessor by accessing the **JTAG/NEXUS port** of the target.

The 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 **PowerPC Nexus In-Circuit Programmer** can be used with the Multilink to program internal and external flash memory devices. The USB PowerPC Nexus Multilink also works with P&E's **PowerPC Nexus In-Circuit Debugger** to control the target processor's execution, read/write registers and memory, and perform full C source-level debug. The PowerPC Nexus In-Circuit Debugger is available as part of P&E's **PowerPC Nexus Development Package**.

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

Target Architectures
· PowerPC® MPC55xx

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 PowerPC Nexus In-Circuit Programmer
· P&E PowerPC Nexus Development Package
· Freescale CodeWarrior
· Third-party software

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