Overview
P&E’s USB PowerPC® BDM Multilink is an easy-to-use debug and programming interface for Freescale’s PowerPC MPC5xx/8xx line of microprocessors. The USB PowerPC BDM 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 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 BDM In-Circuit Programmer can be used with the Multilink to program internal and external flash memory devices. The USB PowerPC BDM Multilink also works with P&E’s PowerPC BDM In-Circuit Debugger to control the target processor’s execution, read/write registers and memory, and perform full C source-level debug.


Target Architectures
- PowerPC® MPC5xx/8xx

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 BDM In-Circuit Programmer
- P&E PowerPC BDM In-Circuit Debugger
- P&E PowerPC BDM Development Package
- Freescale CodeWarrior
- Third-party software