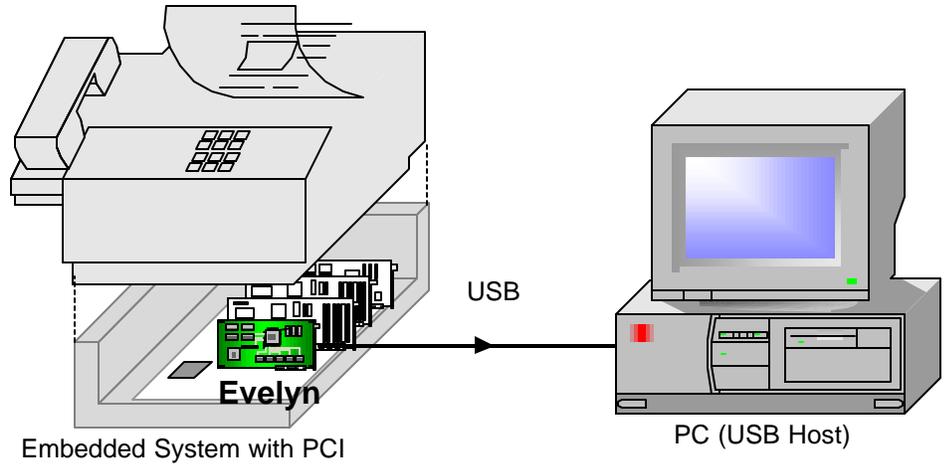


NetChip Technology's Evelyn Adapter Card enables drop-in PCI Connectivity to High-Speed USB 2.0. This allows any PCI system to be automatically enumerated by a USB Host upon connection. Data transfers between the PCI bus and the USB Host can easily sustain over 40MB/sec when utilizing the on chip DMAs. Software is included to facilitate these high speed transfers.



Evelyn is ideal for adding High-Speed USB 2.0 device functionality to embedded PCI systems. The PCI system can use the provided APIs to configure the board and initiate data transfers. This board is also ideal for PCI Bus Diagnostics as the USB Host can initiate transactions on the PCI bus without dedicated software (or even an OS) running on the PCI system.



(Actual Size)



Board Features:

- Standard PCI v2.3, 33 Mhz / 32 Bit Interface, (PCI Integrators List)
- Universal (3.3V or 5V) PCI connection to any standard PCI Slot
- Standard Low Profile PCI Form Factor (2.5" x 4.7")
- Standard USB 2.0 High Speed Interface (USB 2.0 Logo Certified)
- Standard USB mini-B Connector
- 12 USB Endpoints (5 dedicated, 6 configurable, 1 control)
- 4 Scatter Gather DMA Controllers for initiating PCI Transactions
- 8051 CPU for additional device management needs

Software (optional) Features:

- USB Device side Microsoft WDM driver
- Abstracts all Evelyn hardware level elements
- Simple API with handles for all activated USB endpoints
- ReadFile() and WriteFile() structures for PCI to USB transfers
- INF file specifies Responses for all standard USB requests