

## ***EJ-Debug for PXA25x/26x***



- Supports Marvell® PXA25x/26x applications processor
- Supports 20-pin JTAG interface
- 4 hardware breakpoints
- Unlimited software breakpoints
- Download to Flash Memory capability
- View and modify coprocessors
- View and modify the internal peripheral registers
- Useful for field debugging or maintenance
  - Powered by USB bus(No AC adapter required)
  - Small size(86mm X 101mm X 23mm)
- Auto-script execution by BATCH button on the hardware unit
  - perfect use in auto-verification of the target on mass production or for updating new versions
- USB host interfaces for high-speed communication with host computer
- Sophia's high-level language debugger, Watchpoint®, is included with all Sophia Systems emulators (Windows®2000/XP platforms)

### **Specifications**

<b>Target CPU</b>	Marvell® PXA255/250/210/260/261/262/263 applications processor
<b>Memory and I/O</b>	Entire space is available to user except that 4Kbytes is required for monitor
<b>Interrupts</b>	Both internal and external interrupts are available to user
<b>Breakpoints and Break Options</b>	<p>Execution address break options:</p> <ul style="list-style-type: none"> <li>• 4 hardware breakpoints (2 points for instruction execution, 2 points for memory access)</li> <li>• Unlimited software breakpoints</li> <li>▪ Other break options: Forced break from Debug Monitor</li> </ul> <p><i>Note 1: When Step Over, Step Out, Come to function is in use, release 1 hardware breakpoint.</i></p>
<b>Flash Memory</b>	Download to target external Flash memory

## Configuration

The EJ-Debug for PXA25x/26x provides a high level of software debugging from your PC/AT or notebook computer.

### Hardware

A EJ-Debug for PXA25x/26x system consists of the PXA25x/26x Probe Set with USB host interface.  
(EJ-Debug for PXA25x/26x can not be used for other CPUs)

### Software

Watchpoint®, a high-level language debugger for Windows®2000/XP, is included with the EJ-Debug for PXA255.

### Media:

CD-ROM

### Supported Tool Chains:

Watchpoint supports the following compilers and OS:

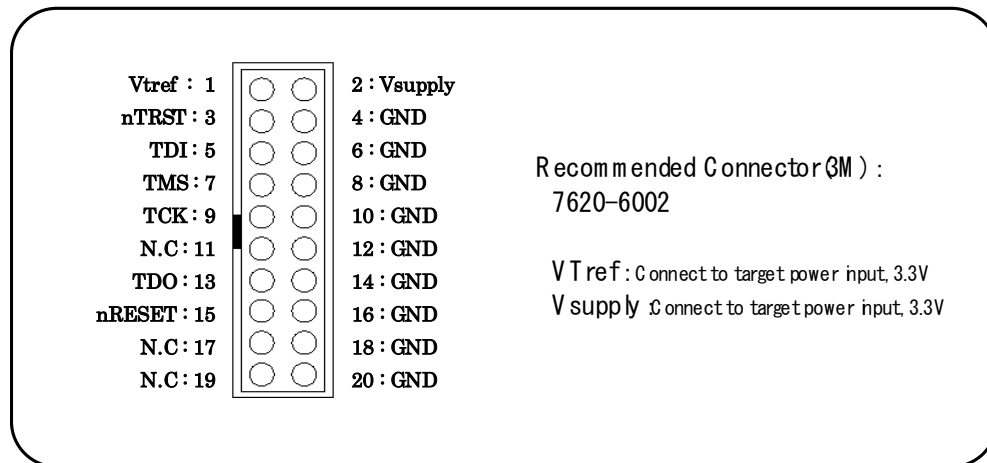
#### Compiler:

Intel C++ Software Development Tool Suite  
ARM ADS, RealView

#### Supported OS:

Windows® CE.NET™, Linux, ITRON such as ThreadX

## Target ICE Connections



20-pin JTAG Header Connector Pin Assignment (Top View)

## Ordering Information

Part No.	Description
EJD1200E	Probe Set, EJ-Debug for PXA25x/26x with USB host interface and Watchpoint® debugger for Windows®2000/XP

### System requirements for Watchpoint® Debugger:

OS: Windows2000/XP

Memory: 64 Mbyte+ recommended

Hard Disk: 25 Mbyte for installation

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