

EJ-Debug for Cell Broadband Engine



Exact appearance may differ.

- ❑ Supports the Cell processor that was developed by Toshiba/IBM/Sony/Sony Computer Entertainment together.
- ❑ 1 hardware breakpoint
- ❑ Unlimited software breakpoints
- ❑ 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
- ❑ An Eclipse plug-in is available
- ❑ USB host interfaces supported for high-speed communication with each PC

Specifications

Target CPU	Cell Broadband Engine
Target Vcc	Vcc 1.2 V
Memory and I/O	Entire space is available to user
Interrupts	Both internal and external interrupts are available to user
Breakpoints and Break Options	<p>Execution address break options:</p> <ul style="list-style-type: none"> • 1 hardware breakpoint <ul style="list-style-type: none"> Execution instruction address: Max 1 point • Unlimited software breakpoints ▪ Other break options: Forced break from Debug Monitor <p><i>Note 1: In the area where Software breakpoints are not available, when Step Over, Step Out, or Come to function is in use, release 1 hardware breakpoint.</i></p>
Other	Pins are available to output Reset in Low level by the Reset command from the debugger

Configuration

The EJ-Debug for Cell Broadband Engine provides a high level of software debugging from your Windows 2000/XP host computer.

Hardware

An EJ-Debug for Cell Broadband Engine system consists of the Cell Probe Set with USB host interface.
(EJ-Debug for Cell Broadband Engine can not be used for other CPUs)

CD-ROM

Supported Tool Chains:

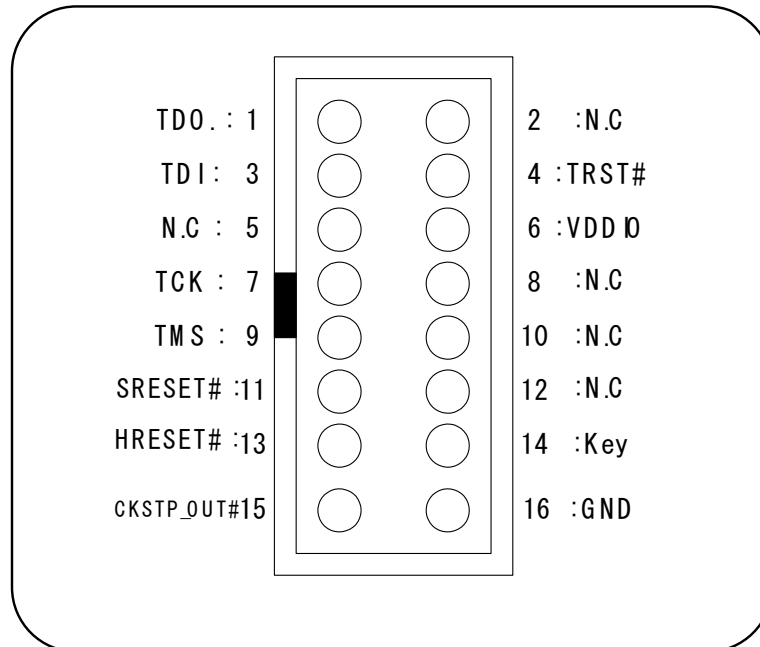
Contact Sophia Systems regarding what compiler or RTOS is supported.

Software

Contact Sophia Systems for details.

Media:

Target ICE Connections



Cop Interface Connector Pin Assignment (Top View)

Ordering Information

Part No.	Description
EJD6220F	Probe Set, EJ-Debug for Cell Broadband Engine with USB host interface

System requirements:

OS:	Windows2000/XP	Memory:	32 Mbyte (64 Mbyte recommended)
Hard Disk:	20 Mbyte for installation		

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