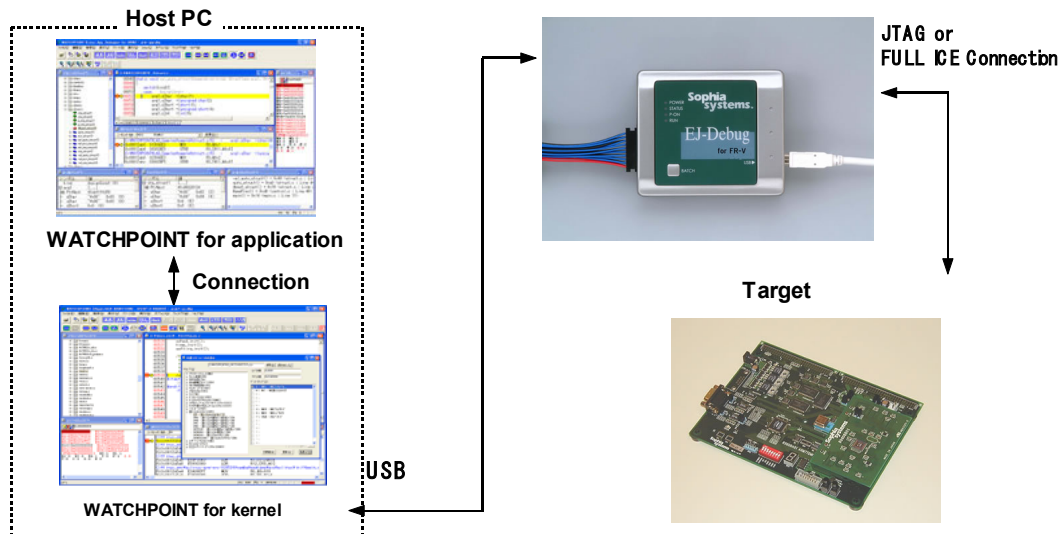




uClinux Debugging Environment using Watchpoint®



Main Features

【Kernel debugging】

Features of Kernel debugging on Watchpoint for Linux

1.
 - High level language debugging is available with the following programs
 - kernel, static-linked device driver, loadable device driver
 - Writing kernel into the Flash memory
 - Hardware breakpoints/Software breakpoints available
 - Single Step/Pass Step
2.
 - View/modify register
 - View/modify memory
 - Variable inspect
 - Option to display of variable value by either Watch window or Local window
 - Memory copy, memory fill up (in the program to be debugged)

【Application Debugging】

Features of application debugging on Watchpoint for Linux

1.
 - High level language debugger in the loaded program
 - Program load/execution
 - Software breakpoints
 - Single Step/Pass Step
 - Debugging of multiple applications or multiple processes
 - Supports multiple Watchpoint programs running independently for multiple processes at the same time
2.
 - View/modify register
 - View/modify memory
 - Variable inspect
 - Option to display the variable value by either Watch Window or Local Window
 - Memory copy, memory fill up (in the application)
 - Execution of Linux Shell command

Supported CPU	Kernel (Loadable Module)		Application Debug Module	
	Product Code	Product Name	Product Code	Product Name
FR-V	U42499E	WP4LKG E	U42411E	WP4UCL FR-V E

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