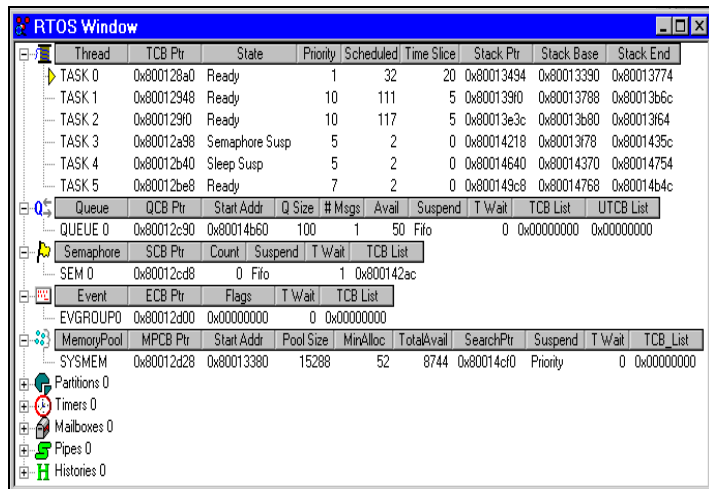


Integrated Nucleus Plus Debug Features:

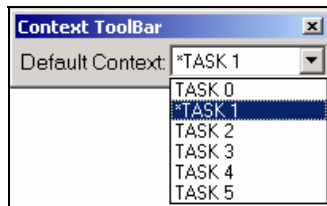
- Point and Click *Nucleus Plus* Object Browsing
- *Nucleus Plus* Thread Qualified Breakpoints
- Thread Context View Switching Allows for Easy Inspection of Thread Data.
- Pop-Up Hot Buttons Link to the EDB Watch and Memory Windows
- Quick and Easy Manipulations of *Nucleus Plus* Objects and Related Pointers
- Source Code for *Nucleus Plus* Debug Module Included
- Flexible Object Display Interface
- Fully Integrated with the EPI MAJIC® Series JTAG Emulator Probes



Nucleus Plus Object Browser Window

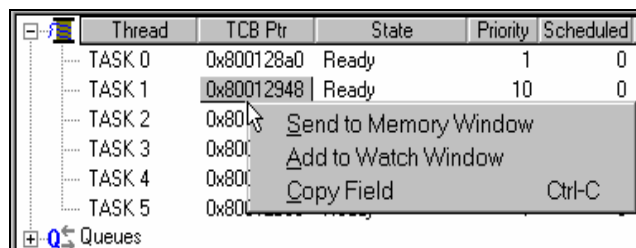
PRODUCT INFORMATION

The EDB Source-level Debugger provides full RTOS aware debugging. Its Integrated RTOS aware features give you the ability to quickly find all RTOS-related bugs. The simple point and click interface of the object browser allows you to peer into the details of your RTOS-based application. Thread context view switching allows you to easily browse thread specific call stacks and data. Individual windows can also be locked to particular RTOS threads. These features are essential tools in understanding the state of your RTOS application.



Hot Buttons Expand Functionality

A quick and responsive GUI provides pop-up hot buttons that hook into the EDB Memory and Watch Windows. This feature gives you the ability to quickly examine and manipulate the state of your application. The screen shot below shows a pop-up hot button in action.



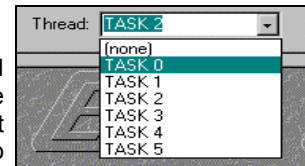
Pop-up Hot Buttons

Thread Aware Breakpoints

EDB allows you to quickly choose to qualify breakpoints as specific to particular *Nucleus Plus* threads or not. Thread qualification lets you limit breakpoints on shared RTOS or application code to only the thread of interest. EDB makes adding thread qualifications a snap by providing a list box in the breakpoints dialog.

Open API and Source Code

The availability of an open API and full source code for the RTOS debug module makes it easy to adapt the debugger to add new fields or to customize how the object browser displays fields. For instance, you might want to add a formatted display of some application specific fields in a message queue. Easily done by a few table additions.



Compatible with EPI, ATI/Mentor, and Third Party Compilers

EDB is ready to run with ATI/Mentor *Nucleus Plus* RTOS, any of EPI's software tool kits, a wide variety of third party C/C++ compilation tools, and MAJIC Series emulators. Our partnership with ATI/Mentor provides you with a proven combination of software and hardware development tools designed to give you the means to achieve the best possible time to market for your application.

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