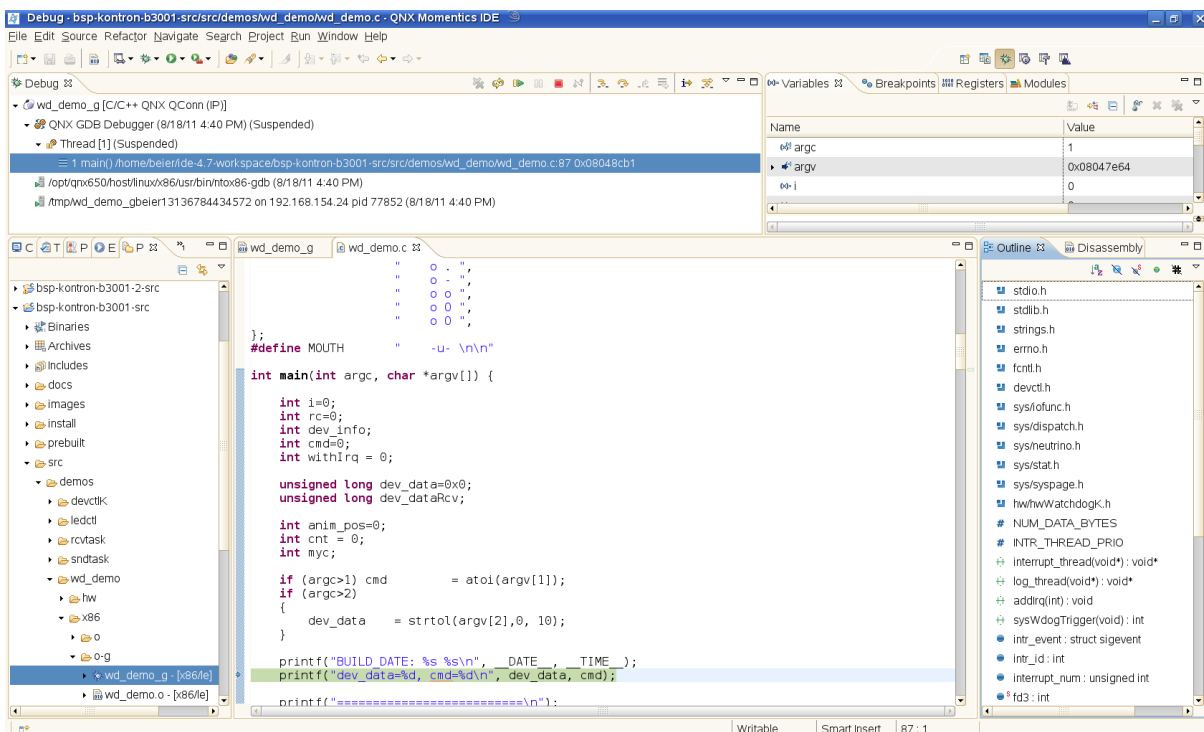


# » B3001 Platform BSP «



## B3001 Platform BSP for QNX® Neutrino® RTOS

- » Off-the-shelf BSP for QNX® Neutrino® RTOS
- » Fully integrated into the QNX® Momentics® IDE
- » Supports platform board specific devices
- » Supports CP3002, CP3002-RC

# B3001 Platform BSP

## for QNX® Neutrino® RTOS

The Kontron BSPs for the QNX® Neutrino® RTOS are designed to get customers started immediately with application development instead of first getting involved with BSP integration or hardware bring-up issues. Support of board specific devices and interfaces has been added to the BSP to achieve the full benefit of the functions provided by the hardware.

The BSP is prepared to use the QNX® Momentics® system diagnostic and debugging tools which are integral elements of IDE.

### Technical Information

<b>Platform</b>	QNX® Momentics® IDE & QNX® Neutrino® RTOS 6.5
<b>Multi Processing</b>	Symmetric (SMP)
<b>Boot Devices</b>	Network MM-SATA module SATA Hard Disk USB Memory Stick Compact Flash
<b>PCI Express</b>	Root Complex
<b>Ethernet</b>	10/100/1000 BASE-T Gigabit Ethernet Interface
<b>Serial</b>	RS232 with hardware handshake
<b>USB</b>	QNX® USB 2.x Host Stack USB keyboards
<b>Miscellaneous Devices</b>	Real Time Clock Hardware Watchdog (RESET, IRQ, TIMER, Dual-Stage) EEPROM for user data storage
<b>Mass Storage</b>	MM-SATA SATA Hard Disk Compact Flash
<b>Board Status Indication</b>	General purpose LED block

NOTE: The feature list above represents a summary of functionalities supported by the platform BSP. Depending on the used Platform Board a subset of those features is available. For more information about implemented hardware features refer to the Platform Board Hardware Manual.

### Ordering Information

Please contact your local sales office for ordering information.

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