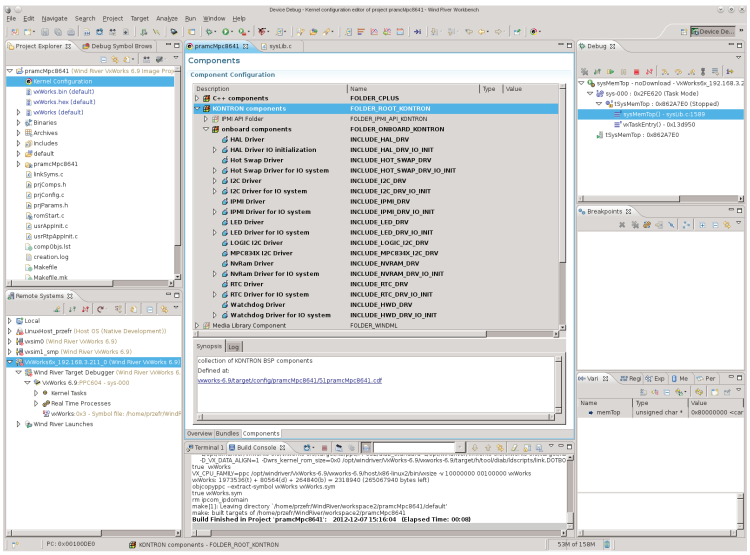
» Kontron PRAMC MPC8641 Platform BSP for Wind River VxWorks «



WIND RIVER PARTNER

Kontron PRAMC MPC8641 Platform BSP for Wind River VxWorks

» Off-the-shelf BSP for Wind River VxWorks
» Fully integrated into the Wind River Workbench
» Supports platform board specific devices
» Supports Kontron AM4100 and AM4101

Kontron PRAMC MPC8641 Platform BSP for Wind River VxWorks

The Kontron BSPs for Wind River platforms 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 Wind River system diagnostic and debugging tools which are integral elements of the Wind River Workbench.

Technical Information

Wind River VxWorks platform	Platform for Industrial Devices (VxWorks 6.7/6.8/6.9) (Other platforms can be supported, please contact Kontron)
Processor / CPU	Freescale® PowerPC MPC8641D
Multi Processing	Symmetric (SMP) Asymmetric (AMP) (on-request)
Boot Devices	Network Onboard NAND Flash
PCI Express	Root Complex
Serial RapidIO	sRIO Host and Agent Basic Hardware Abstraction Layer (HAL) API and Demo Application in source code
Ethernet	10/100/1000 BASE-T Enhanced TSECs
Serial	RS232 with hardware handshake RS232 without hardware handshake
IPMI	Sensor Reading System Monitoring Graceful Shutdown
Timer	System, Auxiliary, Timestamp
Miscellaneous Devices	Real Time Clock Hardware Watchdog (RESET, IRQ, TIMER, Dual-Stage) EEPROM for boot line storage EEPROM for user data storage
Mass Storage	Onboard NAND Flash
Board Status Indication	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

Article	Part No.	Description
Please contact your local sales office for ordering information.		

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Datasheet – D0801 Platform BSP AM4100 #02052013WMH
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