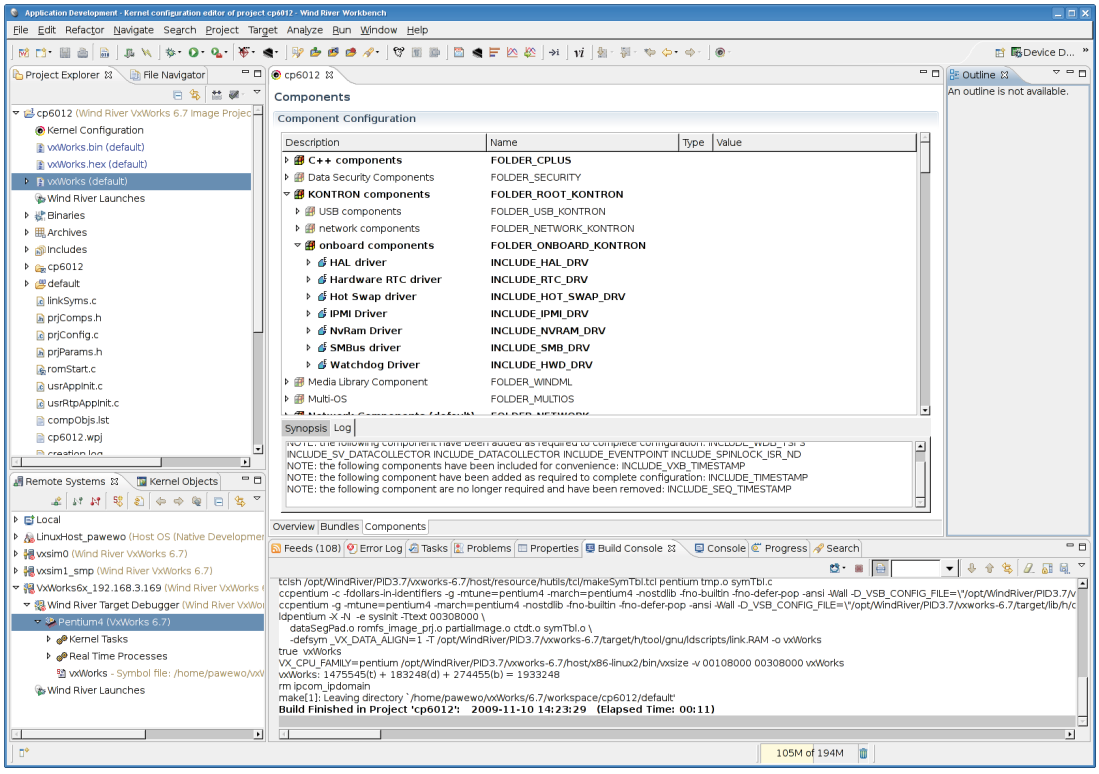
» CP6012 BSP «



CP6012 BSP for Wind River VxWorks

- » Off-the-shelf BSP for Wind River VxWorks
- » Supports VxWorks SMP
- » Fully integrated into the Wind River Workbench
- » Supports CP6012 specific devices
- » System monitoring via IPMI

CP6012 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 BPS is prepared to use the Wind River system diagnostic and debugging tools which are integral elements of the Wind River Workbench.

Supported Features

Wind River VxWorks Platform	Platform for Industrial Devices 3.7 (VxWorks 6.7/ Workbench 3.1) (other platforms can be supported, please contact Kontron)
Multi Processing	Symmetric (SMP)
Boot Devices	Network Compact Flash ATA & SATA Hard Disk USB Memory Stick
PCI Express	Root Complex
Ethernet	10/100/1000 BASE-T Gigabit Ethernet Interface
Serial	RS232 with hardware handshake
USB	Wind River USB 2.x Host Stack USB keyboards for VxWorks images and the VxWorks bootrom
Timer	System, Auxiliary, Timestamp
IPMI	Sensor Reading System Monitoring
Miscellaneous Devices	Real Time Clock Hardware Watchdog (RESET, IRQ, TIMER, Dual-Stage) EEPROM for boot line storage EEPROM for user data storage
Mass Storage	Compact Flash ATA & SATA Hard Disk USB Memory Stick
Status Indication	General purpose LED block

Ordering Information

Article	Description
Please contact your local sales office for ordering information.	

CORPORATE OFFICES

Europe, Middle East & Africa
Oskar-von-Miller-Str. 1
85386 Eching/Munich
Germany
Tel.: +49 (0)8165/ 77 777
Fax: +49 (0)8165/ 77 279
info@kontron.com

North America
14118 Stowe Drive
Poway, CA 92064-7147
USA
Tel.: +1 888 294 4558
Fax: +1 858 677 0898
info@us.kontron.com

Asia Pacific
17 Building,Block #1,ABP.
188 Southern West 4th Ring Road
Beijing 100070, P.R.China
Tel.: + 86 10 63751188
Fax: + 86 10 83682438
info@kontron.cn

Intel Embedded Alliance Premier

#CP6012 BSP# 1118200 9PDL
All data is for information purposes only and not guaranteed for legal purposes. Subject to change without notice. Information in this datasheet has been carefully checked and is believed to be accurate; however, no responsibility is assumed for inaccuracies. All brand or product names are trademarks or registered trademarks of their respective owners.