# Altera Cyclone V SoC Development Kit Board Support Package#

This BSP supports the Altera Cyclone V SoC Development Kit

## Releases#

### New! QNX Neutrino 6.6.0 BSP#

| Date | Version | Prerequisites | User Guide | License(s) | Support | Provider | BSP |
|---|---|---|---|---|---|---|---|
| 2014-10-10 | SDP 6.6 | QNX SDP 6.6 | BSP User Guide | Apache II | Experimental | QNX | here |

### pre-loader and u-boot#

Click **here** to download a binary file containing the pre-loader and u-boot.

#### Features#

| Feature | Planned Availability | Format | Notes |
|---|---|---|---|
| Startup | Completed | SRC | |
| Serial | Completed | SRC | |
| I2C | Completed | SRC | |
| SPI | Completed | SRC | |
| CAN | Completed | SRC | |
| USB Host | Completed | BIN | |
| Ethernet | Completed | SRC | |
| RTC | Completed | SRC | |
| SD/MMC | Completed | SRC | |
| QSPI NOR flash | SRC | | |
| NVRAM | SRC | | |

#### QNX Neutrino 6.6.0 Change History#

**July 4, 2014#**

- Initial post

**July 27, 2014#**

- added QSPI NOR Flash driver, updated docs

**October 10, 2014#**

Updated to remove pre-loader/u-boot image from BSP - now available from link above

## QNX Neutrino 6.5.0 Service Pack 1 BSP#

| Date | Version | Prerequisites | Release Notes | License(s) | Support | Provider | BSP |
|---|---|---|---|---|---|---|---|
| 2014-04-17 | 1.50 | QNX Momentics 6.5.0 SP1 | here | Apache II | Experimental | Altera | here |

### Features#

| Feature | Planned Availability | Format | Notes |
|---|---|---|---|
| Startup | Completed | SRC | |
| Serial | Completed | SRC | |
| I2C | Completed | SRC | |
| SPI | Completed | SRC | |
| CAN | Completed | SRC | |
| USB Host | Completed | BIN | |
| Ethernet | Completed | SRC | |
| RTC | Completed | SRC | |
| SD/MMC | Completed | SRC | |
| QSPI NOR flash | Completed | SRC | |
| LCD | Completed | SRC | |
| GPIO | Completed | SRC | |
| DMA | Completed | SRC | |
| NVRAM | Completed | SRC | |

### QNX Neutrino 6.5.0 Change History#

#### April 17, 2014#

- Release 1.50

#### February 10, 2014#

- Release 1.40

#### October 18, 2013#

#### Release 1.00#

- Initial post

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*Search Keywords: Altera,Cyclone V,CycloneV,Cyclone,ARM9,ARM Cortex A9*