

# Atmel At91sam9263 EK Board Support Package#

This BSP supports the Atmel At91sam9263 EK Board.

**Note: A newer version of this BSP is found at <http://community.qnx.com/sf/wiki/do/viewPage/projects.bsp/wiki/AT91SAM9263EKEvaluationBoard> \_**

## Releases#

### QNX Neutrino Trunk#

| Date          | Version | Prerequisites       | Installation Notes                  | Release Notes        | License(s)           | Support      | Provider | Download                          | Source Tag   |
|---------------|---------|---------------------|-------------------------------------|----------------------|----------------------|--------------|----------|-----------------------------------|--------------|
| <b>Latest</b> | trunk   | QNX Momentics Trunk | <a href="#">Trunk Generic Notes</a> | <a href="#">here</a> | Restricted Apache II | Experimental | QNX      | <a href="#">Project Downloads</a> | Coming Soon! |

### QNX Neutrino 6.4.0#

| Date          | Version | Prerequisites       | Installation Notes                  | Release Notes        | License(s)           | Support      | Provider | Download                          | Source Tag   |
|---------------|---------|---------------------|-------------------------------------|----------------------|----------------------|--------------|----------|-----------------------------------|--------------|
| <b>Latest</b> | trunk   | QNX Momentics 6.4.0 | <a href="#">6.4.0 Generic Notes</a> | <a href="#">here</a> | Restricted Apache II | Experimental | QNX      | <a href="#">Project Downloads</a> | Coming Soon! |

### QNX Neutrino 6.3.2#

| Date       | Version | Prerequisites                              | Installation Notes                  | Release Notes       | License(s)           | Support      | Provider | Download                          | Source Tag |
|------------|---------|--|-------------------------------------|---------------------|----------------------|--------------|----------|-----------------------------------|------------|
| 2008-06-30 | 1.0.0   | QNX Momentics 6.3.2 + latest Character DDK | <a href="#">6.3.2 Generic Notes</a> | included in archive | Restricted Apache II | Experimental | QNX      | <a href="#">Project Downloads</a> | none       |

## Features#

| Feature  | Planned Availability | Format | Notes   |
|----------|----------------------|--------|---|
| Audio    | Completed            | SRC    | .   |
| I2C      | Completed            | SRC    | .   |
| IPL      | Completed            | SRC    | “Cold Start” IPL, programmed to Dataflash(Serial Flash) |
| SD Block | Completed            | SRC    | .   |
| Serial   | Completed            | SRC    | Supporting DB9 RS232 connectors, serial UART            |

|           |           |     |                                    |
|-----------|-----------|-----|------------------------------------|
|           |           |     | and DBGU UART modes of operation.  |
| Ethernet  | Completed | SRC | 10/100Mbit/s                       |
| SPI Host  | Completed | SRC | .                                  |
| SPI Slave | Completed | SRC | .                                  |
| Startup   | Completed | SRC | .                                  |
| USB       | Completed | BIN | <i>QNX SPD 6.4.x</i> (Binary Only) |
| Graphics  | Completed | BIN | .                                  |

Some of these drivers are commented out in the default buildfile. To use the drivers in the target hardware, you'll need to uncomment them in your buildfile, rebuild the image, and load the image into the board.

## **QNX Neutrino Trunk Change History#**

### **Trunk#**

- Same as QNX Neutrino 6.4.0 for Atmel At91sam9263 EK Trunk

## **QNX Neutrino 6.4.0 Change History#**

### **Trunk#**

- Created from QNX Neutrino 6.3.2 BSP for Atmel At91sam9263 EK 1.0.0
- Built using the latest 6.4.0 toolchain
- Shipped new graphic driver devg-at91sam926x.so

## **QNX Neutrino 6.3.2 Change History#**

### **1.0.0#**

- Initial release under Restricted Apache II
- Includes:
  - Audio
  - Ethernet
  - I2C
  - IPL
  - SD Block
  - Serial
  - SPI Host
  - SPI Slave
  - Startup
  - USB (included with OS)
  - Photon Graphics Driver, 2D Acceleration with blitting, polygon fill, line drawing.

**NOTE: This software may not be used in, licensed for use with or otherwise distributed for use with oxymeter products.**

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*Search Keywords: at91sam9263, at91sam9263-ek, at91sam, evm, Atmel, AT91SAM9263, AT91SAM9263-EK, AT91SAM, EVM*