

# Atmel AT91SAM9G45-EKES Board Support Package#

!!!Atmel AT91SAM9M10-EKES Board Support Package

This BSP supports the Atmel AT91SAM9M10-G45-EKES boards.

## Releases#

### QNX Neutrino 6.5.0#

| Date       | Version | Prerequisites       | Installation Notes                  | Release Notes        | License(s)        | Support      | Provider | Download                          |
|------------|---------|---------------------|-------------------------------------|----------------------|-------------------|--------------|----------|-----------------------------------|
| 2012-07-04 | Trunk   | QNX Momentics 6.5.0 | <a href="#">6.5.0 Generic Notes</a> | <a href="#">here</a> | QDL and Apache II | Experimental | QNX      | <a href="#">Project Downloads</a> |

### QNX Neutrino 6.4.0#

| Date       | Version | Prerequisites       | Installation Notes                  | Release Notes        | License(s)        | Support      | Provider | Download                          |
|------------|---------|---------------------|-------------------------------------|----------------------|-------------------|--------------|----------|-----------------------------------|
| 2010-05-06 | Trunk   | QNX Momentics 6.4.0 | <a href="#">6.4.0 Generic Notes</a> | <a href="#">here</a> | QDL and Apache II | Experimental | QNX      | <a href="#">Project Downloads</a> |

## Features#

| Feature     | Planned Availability | Format | Notes                              |
|-------------|----------------------|--------|------------------------------------|
| IPL         | Completed            | SRC    | .                                  |
| STARTUP     | Completed            | SRC    | .                                  |
| DEBUG       | Completed            | SRC    | .                                  |
| USART       | Completed            | SRC    | .                                  |
| NAND        | Completed            | SRC    | Micron 29F2G08 (256 MB) NAND Flash |
| SPI         | Completed            | SRC    | .                                  |
| I2C         | Completed            | SRC    | .                                  |
| AUDIO       | Completed            | SRC    | .                                  |
| GRAPHICS    | Completed            | SRC    | .                                  |
| TOUCHSCREEN | Completed            | SRC    | .                                  |
| EMAC        | Completed            | SRC    | .                                  |
| DMA         | Completed            | SRC    | .                                  |
| SD/MMC      | Completed            | SRC    | .                                  |
| USB Host    | Completed            | BIN    | 1-OHCI, 1-EHCI                     |

### QNX Neutrino 6.5.0 Change History#

#### Release 1.00#

- Initial post

## **September 28, 2011#**

Milestone 2 - updates to network driver and MMCSd support, IPL optimizations (reduced number of IFS copy operations)

## **October 17, 2011#**

Milestone 2.1 (additional updates for MMCSd insertion/removal detection, support for slow clock selection in startup, build file updates)

## **January 6, 2012#**

Milestone 3 (various fixes for issues found during testing)

## **January 23, 2012#**

Updated Milestone 3 (with additional fixes for issues found during testing)

## **January 31, 2012#**

Updated to include devnp driver source

## **July 4, 2012#**

Network driver enhancements, fix for interrupt latency issue

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*Search Keywords: 9g45, at91sam9g45, Atmel, AT91SAM9G45, 9G45*