

# Atmel ATSAMA5D3X Evaluation Kit Board Support Package#

This BSP supports the ATSAMA5D3X Evaluation Kit Board.

## Releases#

### QNX Neutrino 6.5.0 Service Pack 1 BSP#

| Date       | Version | Prerequisites           | User Guide           | Release Notes        | License(s) | Support      | Provider | BSP                  |
|------------|---------|-------------------------|----------------------|----------------------|------------|--------------|----------|----------------------|
| 2013-11-20 | 1.0.2   | QNX Momentics 6.5.0 SP1 | <a href="#">here</a> | <a href="#">here</a> | Apache II  | Experimental | Bsquare  | <a href="#">here</a> |

## Bootloader modules#

U-boot comes preloaded in Flash on the board.

## Required Patches#

Click [here](#) to download patch 3407 (kernel and libc updates).

## 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    |       |
| 10/100 Ethernet | Completed            | SRC    |       |
| G-Bit Ethernet  | Completed            | SRC    |       |
| RTC             | Completed            | SRC    |       |
| SD/MMC          | Completed            | SRC    |       |
| ETFS            | Completed            | SRC    |       |
| Audio           | Completed            | SRC    |       |
| Touchscreen     | Completed            | SRC    |       |
| Graphics        | contact sales        |        |       |

## QNX Neutrino 6.5.0 Change History#

## **November 20, 2013 - Version 1.0.2#**

- fix for issue where USART DMA would fail after first transfer

## **August 02, 2013 - Version 1.0.1#**

- minor documentation updates, eliminated some compiler warnings when building BSP source

## **July 24, 2013#**

## **Release 1.00#**

- Initial post

---

*Search Keywords: Atmel,ATSAMA5D3X,AT91SAMA5D3X,ATSAMA5D3,SAMA5D3,ARM-A5*