

# Texas Instruments DRA6xx and DM811x (Jacinto 5 ECO) Evaluation Module (EVM) Board Support Package#

This BSP supports the Texas Instruments DRA6xx / DM811x Jacinto5 ECO Evaluation Modules.

**Note: you must have QNX Momentics 6.5.0 Service Pack 1 (SP1) installed. It can be downloaded [here](#)**

## Releases#

**New! QNX Neutrino 6.6.0 BSP#**

| Date       | Version | Prerequisites | User Guide           | Release Notes        | License(s) | Support | Provider | BSP                  |
|------------|---------|---------------|----------------------|----------------------|------------|---------|----------|----------------------|
| 2014-02-28 | 6.6.0   | QNX SDP 6.6.0 | <a href="#">here</a> | <a href="#">here</a> | Apache II  | QNX     | QNX      | <a href="#">here</a> |

## QNX Neutrino 6.5.0 SP1#

| Date               | Version   | Prerequisites           | Installation Notes                  | Release Notes        | License(s)        | Support      | Provider | Download                          |
|--------------------|-----------|-------------------------|-------------------------------------|----------------------|-------------------|--------------|----------|-----------------------------------|
| September 09, 2013 | 6.5.0 SP1 | QNX Momentics 6.5.0 SP1 | <a href="#">6.5.0 Generic Notes</a> | <a href="#">here</a> | QDL and Apache II | Experimental | QNX      | <a href="#">Project Downloads</a> |

## Bootloader modules#

Click on the links to download [MLO](#) and [U-BOOT.BIN](#), for boards prior to Rev. E

Click on the links to download [MLO](#) and [U-BOOT.BIN](#), for rev. E boards

## Features#

| Feature           | Planned Availability | Format | Notes   |
|-------------------|----------------------|--------|---|
| IPL               | Completed            | SRC    |   |
| Startup           | Completed            | SRC    |   |
| Audio             | Completed            | SRC    | <a href="#">McASP</a> and <a href="#">McBSP</a> |
| Ethernet          | Completed            | SRC    | 10/100/1000                                     |
| NAND flash (etfs) | Completed            | SRC    |   |
| Graphics          | Completed            | BIN    | Check with QNX Sales                            |
| Video Capture     | Completed            | BIN    | Check with QNX Sales                            |
| I2C               | Completed            | SRC    |   |
| SD Block          | Completed            | SRC    |   |
| Serial            | Completed            | SRC    |   |
| SPI               | Completed            | SRC    |   |

|                           |           |         |                      |
|---------------------------|-----------|---------|----------------------|
| USB                       | Completed | BIN     |                      |
| PCI                       | Completed | SRC     |                      |
| RTC                       | Completed | SRC     |                      |
| Watchdog                  | Completed | SRC     |                      |
| Touch Screen Input        | Completed | SRC     |                      |
| NAND Flash Update Utility | Completed | BIN     |                      |
| Wifi TI128x               | Completed | SRC/BIN | Check with QNX Sales |

## TI Syslink 2.1 officially supports QNX#

TI has released their GPP/DSP intercommunication runtime software with official support for QNX. This product was formerly called DSP Link and has been renamed Syslink in the updated architecture. The current release supports QNX on TI814X devices.

Customers may download the latest 2.1 release directly from the TI Syslink Product Release page:

[http://software-dl.ti.com/dsps/dsps\\_public\\_sw/sdo\\_sb/targetcontent/syslink/index.html](http://software-dl.ti.com/dsps/dsps_public_sw/sdo_sb/targetcontent/syslink/index.html)

## QNX Neutrino 6.6.0 Change History#

February 28, 2014#

- Initial post

## QNX Neutrino 6.5.0 SP1 Change History#

September 9, 2013 \* Posted update containing prebuilt libetfs.a, required for compatability with current ETFS (NAND) driver changes

July 4, 2013 \* Posted latest version tested by 3rd party testers; various bug fixes for audio drivers