

# Texas Instruments DRA6xx and DM814x (Jacinto 5) Evaluation Module (EVM) Board Support Package#

This BSP supports the Texas Instruments DRA6xx and DM814x Evaluation Modules

## Releases#

### New! QNX Neutrino 6.6.0 BSP#

| Date       | Version | Prerequisites | User Guide           | Release Notes        | <a href="#">License(s)</a> | <a href="#">Support</a> | 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        | <a href="#">License(s)</a> | <a href="#">Support</a> | 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](#)

## 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                                     |
| PATA              | Completed            | BIN    |   |
| SATA              | Completed            | BIN    |   |
| 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

- updated to include prebuilt libetfs.a, containing updates related to latest ETFS (NAND) driver functionality

June 10, 2013

- latest fully tested version