TI OMAP5432 EVM Board Support Package#

This BSP supports the TI OMAP5432 EVM Board.

Releases#

New! QNX Neutrino 6.6.0 BSP#

Date	Version	Prerequisites	User Guide	Release Notes	License(s)	Support	Provider	BSP	Latest Experimental Version
2015-04-09	6.6.0	QNX SDP 6.6.0	here	here	Apache II	QNX	QNX	here	**2016-02-11 - Build #583 here**

Bootloader modules#

Click **here** to download u-boot. These custom binaries boot the OS from an SD card (for both 6.5.0 SP1 and SDP 6.6).

WIFI Driver#

Click **here** to download the TI Wilink8 WIFI driver, associated files, and instructions. Note that the latest Validated BSP Build (#319) is required for use with the Wifi drivers posted here.

TI SYSlink Configuration Guide#

Click **here** For information about configuring the link between the OMAP5432 and the TI C64xx DSP.

Features#

Feature	Planned Availability	Format	Notes	
IPL	Completed	SRC		
Startup	Completed	SRC		
Serial	Completed	SRC		
I2C	Completed	SRC		
SPI	Completed	SRC		
USB EHCI Host	Completed	BIN		
USB OTG Host	Completed	BIN	USB-OTG as Host	
Ethernet	Completed	BIN		
RTC	Completed	SRC		
SD/MMC	Completed	SRC		
Audio	Completed	SRC		
wifi	Completed	BIN		
TI SYSlink	Supported	Documentation	Configuration Guide **here**	
Graphics	Completed	SRC	for 6.5.0 SP1 support, contact sales	

QNX Neutrino 6.6.0 Change History#

June 25, 2015#

- Includes new SMSC9500 Ethernet driver in BSP

April 09. 2015#

- Latest tested BSP and Wifi drivers posted, validated with the release of QNX Wireless Framework 1.0

January 23, 2015#

- Latest Experimental version posted

February 28, 2014#

- Initial post

QNX Neutrino 6.5.0 Service Pack 1 BSP#

Date	Version	Prerequisites	User Guide	Release Notes	License(s)	Support	Provider	BSP	Latest Experimental Version
2015-01-23 **Updated!**	6.5.0 SP1	QNX Momentics 6.5.0 SP1	**here**	**here**	Apache II	Experimental	QNX	**here**	**2015-06-25 - Build #106 here**

Kernel/libc Patch (6.5.0 SP1 ONLY - patches not required for SDP 6.6 version)#

Click **here** to download the kernel and libc patch containing support of ARM Cortex A15 core.

DVFS Manager (6.5.0 SP1 ONLY - patches not required for SDP 6.6 version)#

Click **here** to download the DVFS Manager and Client for armle-v7 SoCs

QNX Neutrino 6.5.0 Change History#

June 25, 2015#

- Includes new SMSC9500 Ethernet driver in BSP

January 23, 2015#

- Latest version posted

July 9, 2013#

- fixed boot hang when booting into uni-processor mode
- added changes to startup to support McBSP3 audio
- updated release notes to reflect proper usage for audio driver (McPDM and McBSP)

Release 1.00#

- Initial post

May 9, 2013#

Release 1.00#

- Initial post

Search Keywords: omap, omap4430, panda, pandaboard, Panda, Pandaboard, ti, Texas Instruments, OMAP, OMAP4430, TI