Freescale i.MX35 PDK Board Support Package#

This BSP supports the Freescale i.MX35 Personal Development Kit (previously known as Stack Development System (3DS)) board.

Releases#

QNX Neutrino 6.4.0#

Date	Version	Prerequisites	Installation Notes	Release Notes	License(s)	Support	Provider	Download
Latest	trunk	QNX Momentics 6.4.0	6.4.0 Generic Notes	here	QDL and Apache II	Experimental	QNX	Project Downloads
2010-02-17	1.0.0	QNX Momentics 6.4.0	6.4.0 Generic Notes	here	QDL and Apache II	QNX	QNX	Project Downloads

Features#

Feature	Planned Availability	Format	Notes
Audio	Completed	SRC	Asahi Kasei AKM4647 (I2S based)
CAN	Completed	SRC	MX35 FlexCAN
DMA	Completed	SRC	Includes utility, library also included in BIN form
EIDE	Completed	BIN	.
Ethernet	Completed	SRC	MX35 Fast Ethernet Controller (FEC)
Graphics	Completed	SRC	MX35 graphics controller driver for Graphic Framework (GF)
I2C	Completed	SRC	MX35 I2C manager, master library also included in BIN form
IPL	Completed	SRC	.
NAND	Completed	SRC	Samsung 2GB
NOR	Completed	SRC	Spansion 64MB
RTC	Completed	SRC	rtc utility
SD	Completed	SRC	MX35 eSDHCv2
Serial	Completed	SRC	On-board UART: MX35 UART
SPDIF	Jan-2009	SRC	MX35 SPDIF controller
SPI	Completed	SRC	MX35 SPI master controller
Startup	Completed	SRC	.

Touchscreen	Completed	SRC	TSC2007
USB Host	Completed	BIN	host2 (EHCI)
Watchdog Timer	Completed	SRC	.

Some of these drivers are commented out in the default buildfile. To use the drivers in the target hardware, you'll need to uncomment them in your buildfile, rebuild the image, and load the image into the board.

QNX Neutrino 6.4 Change History#

Trunk#

- Same as QNX Neutrino 6.4.0 BSP for Freescale i.MX35 PDK 1.0.0

1.0.0#

- Introduction of i.MX35 PDK
- Built using the latest 6.4.0 toolchain
- Support for ARM11 enabled procnto-v6
- Level 2 cache support

Search Keywords: mx, i.mx, .mx35, 3ds, pdk, Freescale, MX, i.MX, .MX35, PDK, 3DS