Freescale i.MX21 ADS Board Support Package#

This BSP supports the Freescale i.MX21 ADS 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

QNX Neutrino 6.3.2#

Date	Version	Prerequisites	Installation Notes	Release Notes	License(s)	Support	Provider	Download
2007-12-03	1.0.0	QNX Momentics 6.3.x SP3 or later + AGTDK + latest Character DDK	6.3.2 Generic Notes	included in archive	QDL and Apache II	Experimental	QNX	Project Downloads

Features#

Feature	Planned Availability	Format	Notes
Ethernet	Completed	SRC	10 BaseT Ethernet controller: Crystal LAN CS8900A
IPL	Completed	SRC	.
I2C	Completed	SRC	MX21 I2C manager. Master library also included in BIN form
Graphic	Completed	SRC	On-board graphics controller driver for Graphic Framework (GF)
NOR	Completed	SRC	AMD Flash: 32MB burst flash (AM29BDS128)
NAND	Completed	SRC	Saumsung NAND Flash: 64MB NAND flash (K9K1208Q0C)
Serial	Completed	SRC	On-board UART: MX21 UART

SPI	Completed	SRC	MX21 SPI master controller
Startup	Completed	SRC	.
USB Host	Completed	BIN	.

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 6.4.0 Change History#

Trunk#

- Created from QNX Neutrino 6.3.2 BSP for Freescale i.MX21 ADS 1.0.0
- Built using the latest 6.4.0 toolchain
- The serial driver supports the software flow control

QNX Neutrino 6.3.2 Change History#

1.0.0#

- Initial release under Apache II
- Includes:
  - IPL
  - Graphics
  - I2C
  - Serial
  - SPI
  - Startup
  - USB Host
  - NAND
  - NOR
  - Ethernet

Search Keywords: mx, i.mx, .mx21, ads, Freescale, MX, i.MX, .MX21, ADS