Freescale i.MX27 ADS Board Support Package#

This BSP supports the Freescale i.MX27 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	Apache II	Experimental	QNX	Project Downloads

QNX Neutrino 6.3.2#

Date	Version	Prerequisites	Installation Notes	Release Notes	License(s)	Support	Provider	Download
2008-06-26	1.0.0	QNX Momentics 6.3.x SP3 or later + latest Character DDK	6.3.2 Generic Notes	included in archive	Apache II	Experimental	QNX	Project Downloads

Features#

Feature	Planned Availability	Format	Notes
Ethernet	Completed	SRC	10 BaseT Ethernet controller -- Crystal LAN CS8900A
FEC	Completed	SRC	10/100Mbps Fast Ethernet Controller (FEC): AMD Am79C874VD
I2C	Completed	SRC	MX31 I2C manager. Master library also included in BIN form
NOR	Completed	SRC	AMD Flash: 32 MB flash (S71WS256NDO)
NAND	Completed	SRC	Saumsung NAND Flash: 128 MB NAND flash (K9K1G08U0B-JIB0)
Serial	Completed	SRC	On-board UART: MX27 UART
Startup	Completed	SRC	.
USB Host	Completed	BIN	USB host1 FS & USB host2 HS

USB Device	Completed	BIN	USB OTG_FS device
USB Mass Storage	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.MX27 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:
  - Startup
  - Serial
  - Ethernet
  - FEC
  - NAND
  - NOR
  - I2C
  - USB Host
  - USB device
  - USB Mass Storage

Search Keywords: mx, i.mx, .mx27, ads, Freescale, MX, i.MX, .MX27, ADS