Freescale MPC8572 DS Board Support Package#

This BSP supports the Freescale MPC8572 DS board.

Releases#

QNX Neutrino 6.4.1#

Date	Version	Prerequisites	Installation Notes	Release Notes	License(s)	Support	Provider	Download	Source Tag
latest	trunk	QNX Momentics Trunk	6.4.1 Generic Notes	here	QDL and Apache II	Experimental	QNX	Project Downloads	**Coming Soon**

QNX Neutrino 6.4.0#

Date	Version	Prerequisites	Installation Notes	Release Notes	License(s)	Support	Provider	Download	Source Tag	Kernel Benchmark
latest	trunk	QNX Momentics 6.4.0	6.4.0 Generic Notes	here	QDL and Apache II	Experimental	QNX	Project Downloads	**Coming Soon**	N/A
2008-10-31	1.0.0	QNX Momentics 6.4.0	6.4.0 Generic Notes	here	QDL and Apache II	QNX	QNX	Project Downloads	**Coming Soon**	Benchmark Downloads

QNX Neutrino 6.3.2#

Date	Version	Prerequisites	Installation Notes	Release Notes	License(s)	Support	Provider	Download	Source Tag
2008-02-01	1.0.0	QNX Momentics 6.3.x SP3 or later	6.3.2 Generic Notes	here	Apache II	Experimental	QNX	Project Downloads	none

Features#

Feature	Planned Availability	Format	Notes
Ethernet	Completed	SRC	eTSEC Ethernet controller in TSEC compatibility mode
I2C	Completed	SRC	I2C controller
NAND	Completed	SRC	K9NBG08U5A-P (4G x 8 Bit) NAND Flash
PCI	Completed	SRC	.
PCIe	Completed	SRC	PCI Express controller
Serial	Completed	SRC	UART devices on RS-232 port 0-1
SMP	Completed	.	.

Startup	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 6.4.1 Change History#

Trunk#

- Built using the latest 6.4.1 toolchain
- Added:
  - SPE (Signal Processing Engine) support
  - Ethernet driver source code

QNX Neutrino 6.4.0 Change History#

Trunk#

- Same as QNX Neutrino 6.4.0 BSP for Freescale MPC8572 DS Trunk

1.0.0#

- Created from QNX Neutrino 6.3.2 BSP for Freescale MPC8572 DS 1.0.0
- Built using the latest 6.4.0 toolchain
- Added:
  - SMP support
  - PCI
- Startup issue fix
- Added the TSEC Ethernet driver and HW accelerated crypto driver

QNX Neutrino 6.3.2 Change History#

1.0.0#

- Initial release under Apache II
- Includes:
  - Ethernet
  - I2C
  - NAND
  - PCIe
  - Serial
  - Startup

Search Keywords: 8572, mpc8572, ds, Freescale, MPC8572, DS