Freescale i.MX53 EVK Board Support Package#

This BSP supports the Freescale i.MX53 EVK board.

Note that Freescale has discontinued this hardware, and the BSP is no longer actively supported by QNX. QNX support for thei.MX53 is provided via the Freesacale i.MX53 Sabre AI and i.MX53 Quick Start Board (QSB) platforms.

Releases#

QNX Neutrino 6.5.0#

Date	Version	Prerequisites	Installation Notes	Release Notes	License(s)	Support	Provider	Download
latest	trunk	QNX Momentics 6.5.0	6.5.0 Generic Notes	see 6.4.1 release notes, here	QDL and Apache II	Experimental	QNX	Project Downloads

QNX Neutrino 6.4.1#

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

Features#

Feature	Planned Availability	Format	Notes
Startup	Completed	SRC	.
Serial	Completed	SRC	UART devices on RS-232 port 0
Ethernet	Completed	SRC	MX53 Fast Ethernet Controller (FEC)
SD	Completed	SRC	.
I2C	Completed	SRC	I2C Controller
SPI	Completed	SRC	SPI controller
WDT	Completed	SRC	.
USB Host	Completed	BIN	Host1 with 7-port Hub (EHCI)
Audio	Completed	SRC	
Graphics	In Development	SRC	MX51 graphics controller driver for Graphic Framework (GF)
DMA	Completed	SRC	
CAN	Completed	SRC	

SPI DATAFLASH	Completed	SRC	ATMEL DATAFLASH 4MBytes (AT45DB321D)
IPL	Completed	SRC	FAT support on SDMMC
NAND Flash	Completed	SRC	Micron MT29F4G08AACWC:C with (2048 + 64) byte pages

QNX Neutrino 6.4.1 Change History#

Trunk#

- Initial post

Search Keywords: mx, i.mx, .mx53, evk, Freescale, MX, i.MX, .MX53, EVK, Babbage