PhyCORE-OMAP44xx Linux BSP-PD12.1.0 Release Notes

Operating System	Linux
BSP Release Status	RELEASED
Release Date	
Repository	
Binaries	ftp://ftp.phytec.com/products/PCM-049_phyCORE-OMAP44xx/Linux/PD12.1.0/
Source Archive	
Release Notes	Click Here

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Introduction

This BSP provides a basis for development, deployment and execution of Linux based applications on the phyCORE-OMAP44XX System on Module (SOM). For detailed information on the various software components included in the release and how to use them, please refer to the Quickstart.

Versioning

Component	Version
Linux Kernel	3.3.0
Barebox	2012.05.0
PTX Distribution	2012.03.0
OSELAS Toolchain	2011.02.0

This Release is compatible with the following hardware:

BSP Release	SOM PCB Version	CB PCB Version
PD12.1.0	1347.1	1348.2
	1347.2	

BSP Download

Release PD12.1.0 can be downloaded from the link below.

ftp://ftp.phytec.com/products/PCM-049_phyCORE-OMAP44xx/Linux/PD12.1.0/

Quickstart

Release PD12.1.0 should be used in conjunction with Quickstart version PD12.1.0:

- PhyCORE-OMAP44xx Linux Quickstart-PD12.1.0

What's Supported

This BSP Release supports the following components:

- Serial Console
- NAND Flash
- Ethernet
- I2C
- USB Host
- USB Device
- Audio
- QT4.7
- Displays (PD104SLF, PM070WL4, PD050VL1)
- DVI
- SPI
- SD-Card
- Touch
- 4460

What's Not Supported

This BSP Release does not support the following components:

- OpenGL

Fixed in this Release

N/A

New in this Release

N/A

Known Issues

- Display and DVI does not work when used parallel
- Touch gets sometimes wrong samples
- Audio: only mono for line out
- Nameserver configuration wrong
- 4460 usb otg: only device mode

Upgrade and Compatibility Information

To upgrade to a new BSP release, simply delete the old release and extract the new release in its place.

Dependencies

N/A

Validation Information

Drivers have been tested with in-house test cases.

Technical Support

For further support please visit PHYTEC's Support Portal