
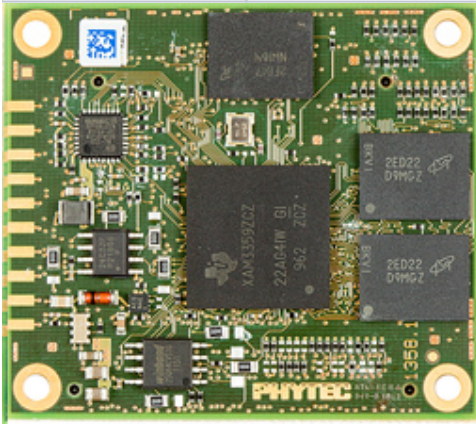


phyCORE-AM335x

Product Name	phyCORE-AM335x
PHYTEC Product Family	phyCORE
Processor Family	TI AM335x
Processor Architecture	ARM Cortex A8
Quick Links	<div style="border: 1px solid green; padding: 5px; display: inline-block;">  Hardware Manual phyCORE-AM335x_Hardware_Manual.pdf </div>



Getting Started

Welcome!

This page contains technical information for the PHYTEC phyCORE-AM335x. Look through the various tabs to find documentation, software releases and documentation, diagrams and drawings, and more. This page should help you get started with your development utilizing the phyCORE-AM335x.

Working with an Evaluation Kit?

If you have ordered an evaluation kit for the phyCORE-AM335x you should locate the "Evaluation Kits" tab and find your specific kit. The associated evaluation kit page has more detailed information on the kit including QuickStart guides, software images, carrier board design information and more.

Designing a Custom Carrier Board?

Check out the "Documentation", "Diagrams and Drawings", and "Design Tools" tabs for specifications and design guidelines.

Developing Software?

The BSPs on the "Software" tab can be used as a reference for developing your production ready software application. The BSPs support the phyCORE-AM335x and PHYTEC provides reference images and source code that target PHYTEC evaluation kits featuring PHYTEC SOMs and SBCs. If you are adapting the BSP to your own custom SOM or custom carrier board then you will want to use the closest evaluation kit configuration as your reference and modify the BSP accordingly.

Need to order hardware?

Contact PHYTEC Sales. Call 800-278-9913 or send an email to sales@phytec.com.

Unsure what hardware you need?

Contact PHYTEC sales department for help on picking out a PHYTEC product or solution to fit your needs. Call 800-278-9913 or send an email to sales@phytec.com.

Have technical questions?

Visit the PHYTEC Service Desk. Sign up and login [here](#).

Documentation

File	Modified 
PDF File phyCORE-AM335x_Hardware_Manual.pdf phyCORE-AM335x Hardware Manual	11 11, 2016 by Matt Davis

Processor Information



For most updated information including processor data-sheets and reference manuals please visit [TI Sitara AM335x](#)

Software

Linux

Current Release

Content by label

There is no content with the specified labels



Archive Releases

- [PhyCORE-AM335x Linux BSP-PD12.1.0 Release Notes](#)
- [PhyCORE-AM335x Linux BSP-PD12.1.1 Release Notes](#)
- [PhyCORE-AM335x Linux BSP-PD13.1.0 Release Notes](#)
- [PhyCORE-AM335x Linux BSP-PD13.1.2 Release Notes](#)
- [PhyCORE-AM335x PD15.1.0 Release Notes](#)
- [PhyCORE-AM335x PD15.1.1 Release Notes](#)
- [PhyCORE-AM335x RDK PD15.2.1 Release Notes](#)
- [BSP Yocto Yogurt AM335x PD16.2.0 Release Notes](#)

Documentation

- [BSP Yocto Yogurt AM335x PD16.2.0 - phyCORE AM335x Supported Features](#)
- [BSP Yocto AM335x Manual PD16.2.x](#)
- [PhyCORE-AM335x RDK Linux Quickstart PD15.2.x](#)
- [PhyCORE-AM335x RDK Linux Quickstart PD12.1.x](#)
- [PhyCORE-AM335x RDK Linux Quickstart PD13.1.x](#)
- [PhyCORE-AM335x RDK Linux Quickstart PD15.1.x](#)

Android

Current Release

- [PhyCORE-AM335x Android BSP-PD14.1.0 Release Notes](#) —

Operating System	Android
BSP Release Status	RELEASED
Release Date	04 Aug 2014
Repository	
Binaries	ftp://ftp.phytec.com/products/PCM-051_phyCORE-AM335x/Android/PD14.1.0/
Source Archive	
Release Notes	Click Here

Archive Releases

Content by label

There is no content with the specified labels



Documentation

- [PhyCORE-AM335X Jelly Bean Android Development](#)

Windows

Current Release

- [PhyCORE-AM335x Compact 7 BSP-PD13.2.1 EA1 Release Notes](#) —

Operating System	Windows CE
BSP Release Status	RELEASED
Release Date	
Repository	
Binaries	ftp://ftp.phytec.com/products/PCM-051_phyCORE-AM335x/Compact7/PD13.2.1_EA1/ Important: Pay special attention to your SOM board revision. Due to updated RAM timings, XLDR for SOM revision 1358.2 (PCM-051-12102F01.A0) should be download from the link below: ftp://ftp.phytec.com/products/PCM-051_phyCORE-AM335x/Compact7/PD13.2.1_EA1/Bootloader/1358.2/
Source Archive	
Release Notes	Click Here

Archive Releases

Content by label

There is no content with the specified labels



Documentation

- [PhyCORE-AM335X Compact 7 Quickstart PD12.0.0alpha](#)
- [PhyCORE-AM335X Compact 7 Quickstart PD13.2.x](#)

Diagrams and Drawings

Component Placement and Dimensioned Drawings

File ▲	Modified
PDF File 1358.0BSref.pdf phyCORE-AM335x PL1358.0 PCB Placement Diagram Top View	06 23, 2017 by Serah Peterson
PDF File 1358.0LSref.pdf phyCORE-AM335x PL1358.0 PCB Placement Diagram Bottom View	09 15, 2016 by Nick McCarty

↓ [Download All](#)

File ▲	Modified
ZIP Archive 1358-1-3D.zip phyCORE-AM335x PL1358.1 PCB 3D Design Files	09 15, 2016 by Nick McCarty
PDF File 1358-1bs-ref.pdf phyCORE-AM335x PL1358.1 PCB Placement Diagram Top View	09 15, 2016 by Nick McCarty
ZIP Archive 1358-1DXF.zip phyCORE-AM335x PL1358.1 PCB Design Drawing	09 15, 2016 by Nick McCarty
PDF File 1358-1ls-ref.pdf phyCORE-AM335x PL1358.1 PCB Placement Diagram Bottom View	09 15, 2016 by Nick McCarty


↓ [Download All](#)

File ▲	Modified
PDF File 1358.2BSref.pdf phyCORE-AM335x PL1358.2 PCB Placement Diagram Top View	09 15, 2016 by Nick McCarty
PDF File 1358.2LSref.pdf phyCORE-AM335x PL1358.2 PCB Placement Diagram Bottom View	09 15, 2016 by Nick McCarty
File 1358-2.dxf phyCORE-AM335x PL1358.2 PCB Design Drawing	09 15, 2016 by Nick McCarty
ZIP Archive 1358-2-3D-Daten.zip phyCORE-AM335x PL1358.2 PCB 3D Design Files	09 15, 2016 by Nick McCarty

[Download All](#)

File 	Modified
File 1358-3.dxf phyCORE-AM335x PL1358.3 PCB Design Drawing	09 15, 2016 by Nick McCarty
File 1358-3.step phyCORE-AM335x PL1358.3 PCB 3D Step File	09 15, 2016 by Nick McCarty
ZIP Archive 1358-3-3D-Daten.zip phyCORE-AM335x PL1358.3 PCB 3D Design Files	09 15, 2016 by Nick McCarty
PDF File 1358-3BSREF.PDF phyCORE-AM335x PL1358.3 PCB Placement Diagram Top View	09 15, 2016 by Nick McCarty
PDF File 1358-3LSREF.PDF phyCORE-AM335x PL1358.3 PCB Placement Diagram Bottom View	09 15, 2016 by Nick McCarty

[Download All](#)

File 	Modified
PDF File 1358.4BSref.pdf phyCORE-AM335x PL1358.4 PCB Placement Diagram Top View	09 15, 2016 by Nick McCarty
PDF File 1358.4LSref.pdf phyCORE-AM335x PL1358.4 PCB Placement Diagram Bottom View	09 15, 2016 by Nick McCarty
File 1358-4.dxf phyCORE-AM335x PL1358.4 PCB Design Drawing	09 15, 2016 by Nick McCarty
File 1358-4.step phyCORE-AM335x PL1358.4 PCB 3D STEP file	09 15, 2016 by Nick McCarty
ZIP Archive 1358-4-3D.zip phyCORE-AM335x PL1358.4 PCB 3D Design Files	09 15, 2016 by Nick McCarty

[Download All](#)

Footprints

File	Modified 
------	--

File X4X60_50-500-B-C3.hkp phyCORE-AM335x SOM footprint for Carrier Board design dimensional drawing (HPK)	09 15, 2016 by Nick McCarty
File X4X60_50-500-B-C3.dxf phyCORE-AM335x SOM footprint for Carrier Board design dimensional drawing (DXF)	09 15, 2016 by Nick McCarty
File phyCORE-AM335x-Altium-Connector-Basis.PcbLib	09 15, 2016 by Nick McCarty
File X4X60_50-500-B-C3pads.hkp	09 15, 2016 by Nick McCarty
PDF File X4X60_50-500-B-C3.pdf phyCORE-AM335x SOM footprint for Carrier Board design dimensional drawing (PDF)	09 15, 2016 by Nick McCarty

[Download All](#)


Connectors

File	Modified 
------	--

Design Tools

PinMux

Visit [TI PinMux Tool Wiki](#) for information on acquiring the PinMux tool from TI. Once you have the tool installed you can use the resources below for the phyCORE-AM335x SOM.

File	Modified 
Microsoft Excel Sheet phyCORE-AM335x_PinMux_ZCZ-package.xls AM335x ZCZ package data for TI's pinmuxing tool	11 16, 2016 by Matt Davis
File phyCORE-AM335x_PinMux_Tool_Data_V2.dat	11 16, 2016 by Matt Davis
File phyCORE-AM335x_PinMux_Tool_Data.dat phyCORE-AM335x data for TI's pinmuxing tool	11 16, 2016 by Matt Davis

[Download All](#)

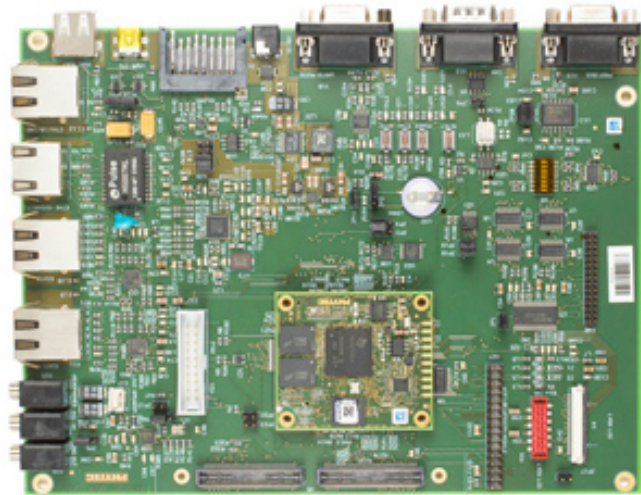
Schematics



Register for schematics here: [PHYTEC Schematic Registration](#)

Evaluation Kits

- [phyCORE-AM335x Rapid Development Kit](#) —



Kit Description	phyCORE-AM335x System on Module Evaluation and Development kit
PHYTEC SOM or SBC	phyCORE-AM335x
PHYTEC Carrier Board	PCM-953

Getting More Help



PHYTEC Service Desk

Need support? Visit the [PHYTEC Service Desk](#) for technical support, product questions, Return Merchandise Authorizations, and more!