

**My products**  
No Products in your history

**My technical documents**  
No documents in your history

**My searches**  
No Searches in your history

TI Home > Semiconductors > ARM-Based Processor Platforms > AM35x Evaluation Module (EVM) w/ Cryptography Accelerators

Worldwide (In English)

# AM35x Evaluation Module (EVM) w/ Cryptography Accelerators

(ACTIVE) TMDSEVM3517C

Description & Features

Technical Documents

Support & Community

Order Now

## Key Document

**Technical Documentation & Schematics for AM3517 EVM - user will need to set up a name and password on the LogicPD site before accessing files.**

Sitara ARM Processors Wiki

View All Technical Documents (4)



AM3517 Evaluation Module

## Description

The AM35x Evaluation Module (EVM) enables developers to immediately start evaluating AM35x processors (AM3505, AM3517) and begin building industrial applications such as single board computers, data terminals, point of sale/service, digital signage and numerous other high products requiring high performance.

The EVM now features the new AM3517 device with dedicated cryptography hardware accelerators that increase encryption performance without utilizing valuable ARM headroom, optimizing secure protocols such as SSL, SSH, WPA Supplicant, WPS, OCF-Linux among others.

## Features

Hardware	Software	Connectivity
<ul style="list-style-type: none"> <li>AM3517 Sitara ARM Processor with cryptography hardware accelerators</li> <li>256MB DDR2</li> <li>TPS65023 Power management IC</li> <li>4.3" WQVGA LCD panel with 4-wire resistive touchscreen</li> <li>Wireless (WiFi/BT) connectivity via WL1271</li> </ul>	<ul style="list-style-type: none"> <li>Linux EZ SDK</li> <li>Android SDK</li> </ul>	<ul style="list-style-type: none"> <li>10/100 Ethernet MAC (1)</li> <li>UART (1)</li> <li>WiFi/BT (1)</li> <li>SD/MMC (1)</li> <li>USB2.0 OTG/HOST (1/1)</li> <li>Audio in/out</li> <li>JTAG</li> <li>CAN Controller (1)</li> </ul>

### Having Issues?

Step 1	Step 2	Step 3
<a href="#">EZ 1-2-3 Design Companions</a>	<a href="#">AM35x E2E Forum</a>	<a href="#">RMA</a>

## Order Now

Part Number	Buy from Texas Instruments or Third Party	Buy from Authorized Distributor	Status	Host	OS	Current Version	Version Date
TMDSEVM3517C: AM35x Evaluation Module (EVM)	\$999.00(USD) In Stock Typically Ships in 1 to 3 Business Days Buy from TI	Pricing may vary. Buy from distributor	ACTIVE	N/A	N/A	v1.0	01 JUN 2012

Contact a Distributor California Go

## Technical Documents

### Third party documents (1)

Title	Date
<a href="#">Technical Documentation &amp; Schematics for AM3517 EVM - user will need to set up a name and password on the LogicPD site before accessing files.</a> <sup>↗</sup>	11 Dec 2012

### Errata (1)

Title	Date
<a href="#">AM35x EVM Errata</a> <sup>↗</sup>	27 Jun 2012

### User guides (1)

Title	Date
<a href="#">AM35x Hardware User Guide</a> <sup>↗</sup>	04 Jun 2012

### More literature (1)

Title	Date
<a href="#">Sitara ARM Processors Wiki</a>	17 Oct 2012

## Related Products

### Software (4)

Name	Part Number	Software Type
<a href="#">Adobe Flash Plug-In - Evaluation and Demo for TI ARM CortexA8 Devices</a>	ADOBEFLASH-A8	Application Software & Frameworks
<a href="#">Android Development Kit for Sitara Microprocessors</a>	ANDROIDSDK-SITARA	Software Development Kits (SDK)
<a href="#">DEMO - AM35xApplication Example &amp; Demo Code</a>	DEMOAPP-AM35X	Application Software & Frameworks
<a href="#">Linux Software Development Kit (SDK) for AM35x Microprocessors</a>	LINUXSDK-AM35X	Software Development Kits (SDK)

[Show More](#)

### Development Tools (2)

Name	Part Number	Tool Type
<a href="#">FlashTool for AM35x, AM37x, DM37x and OMAP35x Devices</a>	FLASHTOOL	Flash Programming Tools
<a href="#">Pin Mux Utility for ARM(R) and F2837xD Microcontrollers</a>	PINMUXTOOL	Calculation Tools

### TI Devices (2)


Part Number	Name	Product Family
<a href="#">AM3505</a>	Sitara Processor	ARM Cortex-A8 Core
<a href="#">AM3517</a>	Sitara Processor	ARM Cortex-A8 Core

## Videos

Your System Status

**WE'RE SORRY!**

You need to update your Flash Player.



**IMPORTANT:** After installing the required upgrade please reload this browser window to view the video player.

### Intro to Power Estimation Tool for AM35x Sitara and OMAP35x

The Power Estimation Tool for AM35x Sitara ARM microprocessors and OMAP35x microprocessors provides users the ability to gain insight into the power consumption of these devices. The tool includes


**Posted:** 07-Jan-2011

**Duration:** 06:57


**Views:** 905

**Tags:** OLT, omap3525, consumer electronics, omap3503, omap3515, power estimation tool, sitara™ arm@ cortex™-a processors, AM3517, processors, English, Digital Signal Processors, dsp, Sitara, omap35x, omap3530, arm, am3503, AM35x <http://www.ti.com/pet>

Related Videos



Intro to Power Estimation Tool for AM35x Sitara and OMAP35x



TI demonstrates Industrial Automation System Components

## Support and Community