

DM814x /AM387x Evaluation Module **Status: ACTIVE**

TMDXEVM8148

- Description/Features
- Technical Documents
- Support & Community
- Order Now

Description

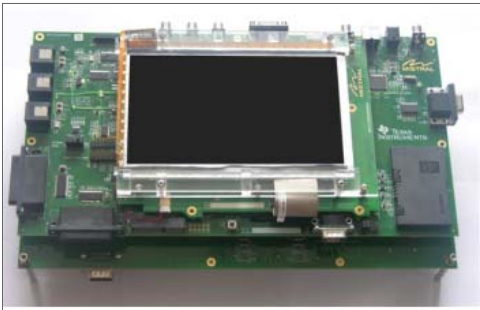
Developed with Mistral, the 8148 Evaluation Module (EVM) enables developers to immediately start evaluating DM814x DaVinci™ digital media processors (DM8148, DM8147, DM8146 and AM387x Sitara™ ARM MPUs (AM3874, AM3872, AM3871) and begin building solutions such as surveillance DVRs, video conferencing systems, video broadcasting systems, media servers, single-board computers, gateways, routers, servers, industrial automation, human machine interfaces (HMIs), point-of-service data terminals, amongst many others.

Features

- Hardware
- 8148 Evaluation Module (printed circuit board assembly) with connectors for composite video, S-Video, Component Video, serial port, SD, SATA, PCIe, USB, Ethernet, Audio Input/Output, HDMI Tx
- DM8148 Processor (emulates AM3874)
- Expansion I/O Daughtercard (printed circuit board assembly) with connectors for DVI in, Component Video in, Composite Video in, HDMI Tx, serial port, Ethernet, and Audio outputs
- 7" Touch-screen LCD display
- Power supply and regional adapter
- Serial, USB, Ethernet and HDMI cables
- USB mouse
- SD card (with example software and SDK)
- SD card reader (for plugging in SD card to PC) JTAG emulator (XDS100)
- 1 GB DDR3 Memory
- Software
- DM814x, C6A814x and AM387x Software Development kits provided via included 8GB SD Card
- Documentation
- 8148 EVM Quick Start Guide
- Linux SDK SD card content sheet
- Software license agreement
- Software and soft copy documents
- 8148 EVM Hardware User's Guide (SD card)
- 8148 Software Developer's Guide (SD card)
- 8148 Software Development Kit (SD card)
- Sourcery G++™ evaluation tools from CodeSourcery
- Ubuntu Linux host distribution

What's Included

[LINUXEZSDK-DM8148, Linux EZ Software Development Kit \(EZSDK\) for DM8148 / DM8147 DaVinci\(TM\) Processors - BETA](#)



TMDXEVM8148 top view



Order Now

Part Number	Texas Instruments	Authorized Distributors	Status	Price (US\$)	Host	OS	Current Version	Version Date
TMDXEVM8148: DM814x /AM387x Evaluation Module	TI eStore	Sample or Buy	ACTIVE		PC	Linux	v2.1	06 OCT 2011
Contact a Distributor - Select a location - Go								

Technical Documents

TI Wikis(4)

Third Party Documents(4)

Title	Date
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Emulation Wiki -- In-depth technical and "how-to" articles, FAQs, etc.	24 Mar 2011
Development Tools, Operating Systems and Embedded Software Wikis - for TI Embedded Processors	08 Aug 2011
Development Tools, Operating Systems and Embedded Software Wikis - for TI Embedded Processors	08 Aug 2011
Technical Documentation & Schematics for DM814x/ AM387x EVM - from Mistral	08 Sep 2011

Related Products

Name	Part Number	Tool Type
Code Composer Studio (CCStudio) Integrated Development Environment (IDE) v4.x	CCSTUDIO	Code Composer Studio(TM) IDE
Name	Part Number	Software Type
Linux EZ Software Development Kit (EZSDK) for DM8148 / DM8147 DaVinci(TM) Processors - BETA	LINUXEZSDK-DM8148	Software Development Kit (SDK)
Part Number	Name	Product Family
AM3871	Sitara ARM Microprocessor (MPU)	Sitara ARM Cortex-A8 and ARM9 Microprocessors
AM3872	Sitara ARM Microprocessor (MPU)	Sitara ARM Cortex-A8 and ARM9 Microprocessors
AM3874	Sitara ARM Microprocessor (MPU)	Sitara ARM Cortex-A8 and ARM9 Microprocessors
TMS320DM8146	DaVinci Digital Media Processor	DaVinci Digital Video Processor
TMS320DM8147	DaVinci Digital Media Processor	DaVinci Digital Video Processor
TMS320DM8148	DaVinci Digital Media Processor	DaVinci Digital Video Processor

Support and Community

Customer Tags

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