▼ **Worldwide** (In English)

TMS320C6670 Evaluation Modules Status: ACTIVE

TMDSEVM6670

Description/Features   Technical Documents   Support & Community   Order Now

Description

TMDSEVM6670L | TMDSEVM6670LE | TMDSEVM6670LXE

TMDSEVM6670L - TMS320C6670 Lite Evaluation Module

The TMS320C6670 Lite Evaluation Module (EVM), or TMDSEVM6670L, is an easy-to-use, cost-efficient development tool that is designed to help developers quickly get started with designs using the C6670 multicore DSP. It includes an on-board, single C6670 processor with robust connectivity options that allows customers to use an AMC form factor card in various systems. It also works as a stand alone board.

The TMDSEVM6670L EVM comes with XDS100 embedded emulation capability. In addition, an external emulator via JTAG emulation header can be also be used. Software accompanying the 6670L EVM includes Code Composer Studio Studio™ version 4.2 (CSv4.2), Board Support Package (BSP), Chip Support Library (CSL), Power On Self Test (POST), Network Development Kit (NDK), and Out of Box (OOB) Demonstration SW.

The TMDSEVM6670L EVM is designed for an ease of use environment to evaluate the features & functions of the multicore C6670 DSP. The emulation capability and software included in the EVM will allow customer to program the C6670 DSP to benchmark the algorithms that are intended to be implemented on C6670 DSP.

TMDSEVM6670LE - TMS320C6670 Lite Evaluation Module with XDS560V2 Emulation

The TMDSEVM6670LE Lite Evaluation Module (EVM) is an easy-to-use, cost-efficient development tool that is designed to help developers quickly get started with designs using the C6670 multicore DSP. It includes an on-board, single C6670 processor with robust connectivity options that allows customers to use this AMC form factor card in various systems. It also works as a stand alone board.

The TMDSEVM6670LE EVM comes with XDS560V2 embedded emulation capability. The software accompanying the 6670LE EVM includes Code Composer Studio Studio™ version 4.2 (CSv4.2), Board Support Package (BSP), Chip Support Library (CSL), Power On Self Test (POST), Network Development Kit (NDK), and Out of Box (OOB) Demonstration SW.

The TMDSEVM6670LE EVM is designed for an ease of use environment to evaluate the features & functions of the C6670 multicore DSP. The emulation capability and software included in the EVM will allow customer to program the C6670 DSP to benchmark the algorithms that are intended to be implemented on C6670 DSP.

NOTE: The TMDSEVM6670LE is expected to be available in September 2011.

TMDSEVM6670LXE - TMS320C6670 Lite Evaluation Module with Encryption and XDS560V2

The TMDSEVM6670LXE Lite Evaluation Module (EVM) is an easy-to-use, cost-efficient development tool that is designed to help developers quickly get started with designs using the C6670 multicore DSP. It includes an on-board, single C6670 processor with robust connectivity options that allows customers to use this AMC form factor card in various systems. It also works as a stand alone board.

The TMDSEVM6670LXE EVM has **encryption enabled** and comes with **XDS560V2 embedded emulation capability**. The software accompanying the 6670LE EVM includes Code Composer Studio Studio™ version 4.2 (CSv4.2), Board Support Package (BSP), Chip Support Library (CSL), Power On Self Test (POST), Network Development Kit (NDK), and Out of Box (OOB) Demonstration SW.

The TMDSVM6670LXE EVM is designed for an ease of use environment to evaluate the features & functions of the multicore C6670 DSP. The emulation capability and software included in the EVM will allow customer to program the C6670 DSP to benchmark the algorithms that are intended to be implemented on C6670 DSP.

NOTE: Please contact your **local TI sales representative** to request the TMDSEVM6670LXE.

Features

TMDSEVM6670L, TMDSEVM6670LE and TMDSEVM6670LXE all feature:

- Single wide AMC like form factor
- Single TMS320C6670 multicore processor
- 512 MB DDR3
- 128 MB Nand Flash
- 1Mb I2C EEPROM for local boot (remote boot possible)
- Two 10/100/1000 Ethernet ports on board
- RS232 UART
- 2 user programmable LEDs and DIP SWs
- 14-pin JTAG emulator header
- Embedded JTAG emulation with USB Host interface
- Board-specific Code Composer Studio™ Integrated Development Environment
- Simple setup
- Design files such as Orcad and Gerber
- Board support library accelerates software development on the EVM
- Comptaible with TMDSEVMPCI adaptor card

TMDSEVM6670LE & TMDSEVM6670LXE both feature their embedded JTAG emulation with USB Host interface via **XDS560V2**

TMS320C6670 Evaluation Module

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Part Number	Texas Instruments	Status		Host	OS	Current Version	Version Date
TMDSEVM6670L: **TMS320C6670 Lite Evaluation Module**	TI eStore	ACTIVE		PC	Microsoft Windows 2000 & XP; Linux	v2.0	03 FEB 2012
TMDSEVM6670LXE: **TMS320C6670 Lite Evaluation Module with Encryption and XDS560V2**		ACTIVE		PC	Microsoft Windows 2000 & XP; Linux	v2.0	03 FEB 2012
TMDSEVM6670LE: **TMS320C6670 Lite Evaluation Module with XDS560V2 Emulation**	TI eStore	ACTIVE		PC	Microsoft Windows 2000 & XP; Linux	v2.0	03 FEB 2012

Related Products

Name	Part Number	Tool Type
Code Composer Studio (CCStudio) Integrated Development Environment (IDE) v5	CCSTUDIO	Code Composer Studio(TM) IDE
AMC to PCIe Adapter Card	TMDXEVMPCI	Daughter Cards
Hyperlink Cable	HL5CABLE	Development Boards/EVMs

Name	Part Number	Software Type
SYS/BIOS and Linux Multicore Software Development Kits (MCSDK) for C66x, C647x, C645x Processors	BIOSLINUXMCSDK	So ftware Development Kit (SDK)

Search for Third Party Products & Services

Name	Part Number	Company	Headquarters Location	Type
		3L Ltd	United Kingdom	Development Tools
		3L Ltd	United Kingdom	Operating Systems (OS/RTOS)

Part Number	Name	Product Family
TMS320C6670	Multicore Fixed and Floating-Point System-on-Chip	C6000 High Performance Multicore DSP
TMS320C6671	Fixed and Floating-Point Digital Signal Processor	C6000 High Performance DSP
TMS320C6672	Multicore Fixed and Floating-Point Digital Signal Processor	C6000 High Performance Multicore DSP
TMS320C6674	Multicore Fixed and Floating-Point Digital Signal Processor	C6000 High Performance Multicore DSP
TMS320C6678	Multicore Fixed and Floating-Point Digital Signal Processor	C6000 High Performance Multicore DSP

Support and Community

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