



## TMS320C5515 DSP Evaluation Module Status: ACTIVE

TMDXEVM5515

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	TMDXEVM5515
Name	TMS320C5515 DSP Evaluation Module
Status	ACTIVE
Price (US\$)	\$395.00
Host	PC
OS	Microsoft Windows XP
Current Version	v1.0
Version Date	18 JAN 2010
	<a href="#">Order Options</a> 

## Product Information

### Description

The TMS320C5515 DSP evaluation module (EVM) is a low cost, feature rich development platform designed to speed the evaluation process of Texas Instruments' 4 latest lowest power C55x DSPs, TMS320C5515, TMS320C5514, TMS320C5505A and TMS320C5504A. This tool offers more memory options (Flash and mSDRAM) compared to TMDXEVM5505 making it easy for customers. Both experienced and novice designers can get started immediately with innovative product designs by utilizing the EVM's full-featured Code Composer Studio™ integrated development environment (IDE) and eXpressDSP™ software which includes the DSP/BIOS™ kernel.

The full contents of the EVM include:

- C5515 DSP Evaluation Board
- Code Composer Studio™ IDE Rev. 4.0
- Technical Reference Manual with Schematics
- USB Cable
- Universal Power Supply
- AC Power Cord(s) Ordering Information: Available today for US \$395.00, the TMDXEVM5515 includes a standard US, UK and European power cords.

### Features

The TMS320C5514 and TMS320C5515 are industry's lowest power 16-bit processors helping conserve energy at exceptional levels and enabling longer battery life. With 240 MIPS performance, upto 320KB on-chip memory, higher integration (including a hardware accelerator for FFT computation), C5514 and C5515 provide low power foundation for a range of signal processing applications, including voice recorder, musical instruments, portable medical solutions and other consumer electronics in industrial and security applications.

Hardware details of the TMS320C5515 EVM include:

- TMS320C5515 fixed point low power DSP
- On board embedded JTAG emulation to enable the true plug-and-play functionality through just an A-to-mini B USB cable and compatibility of external JTAG emulation interface
- TLV320AIC3204 32-bit programmable low power stereo codec
- OLED color LCD display (128x128 pixels)
- Stereo line in (2) /out (1), headphone out (1) and microphone in (L/R)
- Integrated Flash and mobile SDRAM
- I2C and SPI EEPROMs

High speed USB 2.0 slave port  
 MMC/SD slot, CE-ATA connector, RS232 interface  
 10 user defined push button switches  
 Analog front end connectors  
 Two expansion connectors for memory cards  
 External oscillator socket  
 Battery Holder (For 2 AAA, not included)  
 Jog dial  
 +5V universal power supply

**Software** - Designers can readily target the TMS320C5515/14/05/04 DSPs through TI's robust and comprehensive Code Composer Studio™ development platform, including:

A complete Integrated Development Environment (IDE), an efficient optimizing C/C++ compiler assembler, linker, debugger, integrated CodeWright editor with CodeSense technology for faster code creation, data visualization, a profiler and a flexible project manager  
 DSP/BIOS(TM) real-time kernel  
 Chip Support Library  
 Board Test Package  
 "Plug-in" ability for application software for additional functionality

## Order Options

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## Related Products

Related Tools			
Name	Part#	Company	Tool Type
<a href="#">C5515 eZDSP USB Stick Development Tool</a>	TMDX5515EZDSP	Texas Instruments	Development Boards/EVMs
Related Devices			
Part#	Name	Product Family	
<a href="#">TMS320C5504</a>	Fixed-Point Digital Signal Processor	C5000™ Low Power DSP	
<a href="#">TMS320C5505</a>	Fixed-Point Digital Signal Processor	C5000™ Low Power DSP	
<a href="#">TMS320C5514</a>	Fixed-Point Digital Signal Processor	C5000™ Low Power DSP	
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## Support and Community

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### New C5514/15 DSPs extend the industry's lowest...

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