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Worldwide (In English)

XDS560 High Performance Debug Probe

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Part Number	Buy from Texas Instruments or Third Party	Buy from Authorized Distributor	Status
TMDSEMU560V2STM-U: Blackhawk XDS560v2 System Trace USB Emulator	In Stock Typically Ships in 1 to 3 Business Days Buy from TI	Pricing may vary. Buy from distributor	ACTIVE
TMDSEMUPROTRACE: Spectrum Digital XDS560v2 PRO TRACE Receiver	In Stock Typically Ships in 1 to 3 Business Days Buy from TI	Pricing may vary. Buy from distributor	ACTIVE
TMDSEMU560V2STM-UE: Spectrum Digital XDS560v2 System Trace USB & Ethernet	In Stock Typically Ships in 1 to 3 Business Days Buy from TI	Pricing may vary. Buy from distributor	ACTIVE
Contact a Distributor	California Go		

TI's Standard Terms and Conditions for Evaluation Modules apply.

Description

The XDS560 emulator combines state-of-the-art silicon, hardware, and software technology to provide the best hardware debug capabilities. The XDS560 family of JTAG-based emulators support a wide range of TI processors and are designed for high performance applications. The XDS560 family is designed to achieve high download speeds and is ideal for larger applications.

Your System Status

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The XDS560 family supports the full range of debugging capabilities, including software and real-time hardware breakpoints and watchpoints, single-step execution, loading / inspecting / modification of registers and memory, benchmarking, and heterogeneous multiprocessor debugging with global running, stepping and breakpoints. The XDS560 supports real-time non-intrusive Advanced Event Triggering capabilities, including event sequence detection, extended benchmarking capabilities, and program range breakpoints. All of these capabilities are fully integrated with the Code Composer Studio™ IDE debugger interface.

XDS560 Emulator

The XDS560 JTAG emulator products are available with popular host interfaces such as PCI bus and USB. They support voltages ranging from 0.5 to 5V, thus offering excellent support for TI's low-voltage devices. These products have not been replaced by XDS560v2 class products.

XDS560v2 System Trace

XDS560v2 System Trace Emulators are the latest in the XDS560 family of high-performance debug test controllers (emulators) for TI processors. The XDS560v2 System Trace supports both traditional IEEE 1149.1 (JTAG) emulation and the recently ratified IEEE 1149.7. The XDS560v2 System Trace emulator features a standard 60-pin MIPI HSPT header at the end of



XDS560: TMDSEMU560v2STM-U



a 12.5-inch (31mm) detachable cable. This 60-pin MIPI HSPT header allows the user to either connect to a 60-pin MIPI HSPT target connector, or attach one the included modular target configuration adapters, check the model to see which adapters it includes. Target board JTAG interface levels of +1.2v to +4.1v are supported with this emulator. XDS560v2 emulators are available in both USB (TMDSEMU560v2STM-U) and USB & Ethernet models (TMDSEMU560v2STM-UE).

The XDS560v2 System Trace emulator is the first XDS560 class emulator to provide System Trace (STM) capability. The product provides This state of the art development tool provides a USB 2.0 high speed (480 mbit/sec) and Ethernet(10/100) connection to the host computer for high speed data transfers and debugging. The optional Ethernet connection allows remote debug capability enabling worldwide development teams to share hardware cards without the expense and hassle of a shared computer.

The System Trace capability is compliant to MIPI STP and is available with devices which feature the TI CTools debug capability. The System Trace capability provided by the TI CTools enabled devices facilitates the debugging and optimization of multi-core devices. The System Trace capability aids users in understanding the synchronization and timing between cores and peripherals as well as the performance of cores and key device interfaces. The XDS560v2 System Trace emulator features 128MB of system trace storage and can support 1-4 pins of System Trace capture. More details about TI CTools capability can be found at <http://processors.wiki.ti.com/index.php/CTools>.

The XDS560v2 System Trace unit is fully compatible with TI’s Code Composer Studio™ IDE version 4.2 and newer. This combination gives the user a complete robust tool chain for hardware debug and algorithm development. The combination of the XDS560v2 System Trace emulator and Code Composer Studio IDE gives a complete hardware development environment which includes an Integrated Debug Environment, Compiler, and full hardware debugging and system trace capability on selected processors.

Additional Information

- [XDS560 Technical Information](#)
- [Code Composer Studio IDE](#) - Learn more about CCStudio
- [Get Support](#) - TI E2E Community
- [Debug Probe Selection Table](#)
- [MSP-FET430UIF](#) - MSF B Debugging Interface
- [XDS100](#) - Low-cost Debug Probe
- [XDS200](#) - Price/Performance-balanced Debug Probe

Features

For Supported Devices see "Debug Probe Selection Table" above

Technical Documents

More literature (1)

*This is not an TI official document.

Title	Date	Type
Emulation Wiki -- In-depth technical and "how-to" articles, FAQs, etc.	24 Mar 2011	Wiki*

Application Notes (3)

Title	Abstract	Type	Size (KB)	Date	Views
 Emulation Fundamentals for TI 's DSP Solutions (Rev. E)	Read Abstract	PDF	1158	04 Jan 2011	1,044
 XDS Target Connection Guide	Read Abstract	PDF	27	14 Oct 2009	2,334
 Using xdsprobe with the XDS560 and XDS510 (Rev. A)	Read Abstract	PDF	534	17 May 2002	329

User Guides (2)

Title	Abstract	Type	Size (KB)	Date	Views
 Trace Analyzer User's Guide (Rev. B)	Read Abstract	PDF	2191	18 Nov 2013	1,162
 JTAG Emulator Adapter Board Kit 14e-60t Quick Start Guide		PDF	127	12 Jul 2004	986

More Literature (1)

Title	Abstract	Type	Size (KB)	Date	Views
 Available Literature and Support from DSP		PDF	220	01 Oct 2008	623

Related Products

Development Tools (4)

Name	Part Number	Tool Type
Code Composer Studio (CCS) Integrated Development Environment (IDE)	CCSTUDIO	SW Development Tools, IDEs, Compilers
XDS100 Low-cost Debug Probe	XDS100	JTAG Emulators/ Analyzers
XDS200 Price/Performance-balanced Debug Probe	XDS200	JTAG Emulators/ Analyzers
XDS560 Trace Emulator	XDS560TRACE	JTAG Emulators/ Analyzers

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TI Devices (348)

Part Number	Name	Product Family
66AK2E02	Multicore DSP+ARM KeyStone II System-on-Chip (SoC)	KeyStone Multicore DSP + ARM
66AK2E05	Multicore DSP+ARM KeyStone II System-on-Chip (SoC)	ARM Cortex-A15 Core
66AK2H06	Multicore DSP+ARM KeyStone II System-on-Chip (SoC)	KeyStone Multicore DSP + ARM
66AK2H12	Multicore DSP+ARM KeyStone II System-on-Chip (SoC)	ARM Cortex-A15 Core
AM1705	Sitara Processor	ARM9 Core
AM1707	Sitara Processor	ARM9 Core
AM1802	Sitara Processor	ARM9 Core
AM1806	Sitara Processor	ARM9 Core
AM1808	Sitara Processor	ARM9 Core
AM1810	Sitara Processor	ARM9 Core
AM3352	Sitara Processor	ARM Cortex-A8 Core
AM3354	Sitara Processor	ARM Cortex-A8 Core
AM3356	Sitara Processor	ARM Cortex-A8 Core
AM3357	Sitara Processor	ARM Cortex-A8 Core
AM3358	Sitara Processor	ARM Cortex-A8 Core
AM3359	Sitara Processor	ARM Cortex-A8 Core
AM3505	Sitara Processor	ARM Cortex-A8 Core
AM3517	Sitara Processor	ARM Cortex-A8 Core
AM3703	Sitara Processor	ARM Cortex-A8 Core
AM3715	Sitara Processor	ARM Cortex-A8 Core
AM3871	Sitara Processor	ARM Cortex-A8 Core
AM3874	Sitara Processor	ARM Cortex-A8 Core
AM3892	Sitara Processor	ARM Cortex-A8 Core
AM3894	Sitara Processor	ARM Cortex-A8 Core
AM5K2E02	Multicore ARM KeyStone II System-on-Chip (SoC)	ARM Cortex-A15 Core
AM5K2E04	Multicore ARM KeyStone II System-on-Chip (SoC)	ARM Cortex-A15 Core
AVCE6467T	Digital Media System-on-Chip	DSP + ARM9
DM3725	Digital Media Processor	DSP + ARM Cortex-A8
DM3730	Digital Media Processor	ARM Cortex-A8+ Video Core
DM385	DaVinci Digital Media Processor	ARM Cortex-A8+ Video Core
DM8107	DaVinci Digital Media Processor	ARM Cortex-A8+ Video Core
F28M35E20B	Concerto Microcontroller	Control + Automation
F28M35H22C	Concerto Microcontroller	Control + Automation
F28M35H52C	Concerto Microcontroller	Control + Automation
F28M35M20B	Concerto Microcontroller	Control + Automation
F28M35M22C	Concerto Microcontroller	Control + Automation
F28M36H33B2	Concerto Microcontroller	Control + Automation
F28M36H33C2	Concerto Microcontroller	Control + Automation
F28M36H53B2	Concerto Microcontroller	Control + Automation
F28M36H53C2	Concerto Microcontroller	Control + Automation
F28M36P53C2	Concerto Microcontroller	Control + Automation
F28M36P63C2	Concerto Microcontroller	Control + Automation
OMAP-L132	C6000 DSP+ARM Processor	DSP+ARM9
OMAP-L137	C6000 DSP+ARM Processor	DSP+ARM9
OMAP-L138	C6000 DSP+ARM Processor	DSP+ARM9
OMAP3503	Applications Processor	ARM Cortex-A8 Core
OMAP3515	Applications Processor	ARM Cortex-A8 Core
OMAP3525	Applications Processor	DSP+ARM Cortex-A8
OMAP3525-HIREL	OMAP3525-HiRel Applications Processor	DSP+ARM Cortex-A8
OMAP3525DZ	Applications Processor	DSP+ARM Cortex-A8
OMAP3530	Applications Processor	OMAP™ Processors
OMAP3530-HIREL	OMAP3530-HiRel Applications Processor	DSP+ARM Cortex-A8
OMAP4430	OMAP 4 Applications Processors	OMAP™ Processors
OMAP4460	OMAP 4 Applications Processors	OMAP™ Processors
OMAP4470	OMAP 4 Applications Processors	OMAP™ Processors
OMAP5432	OMAP 5 Applications Processors	OMAP™ Processors
OMAPL137-HT	High Temperature Low Power Applications Processor	DSP+ARM9
OMAPL138B-EP	Enhanced Product Low-Power Applications Processor	DSP+ARM9
RM41L232	16- and 32-BIT RISC Flash Microcontroller	Safety
RM42L432	16- and 32-Bit RISC Flash Microcontroller	ARM Cortex-R
RM44L520	RM44Lx 16/32-Bit RISC Flash Microcontroller	Safety
RM44L522	RM44Lx 16/32-Bit RISC Flash Microcontroller	Safety
RM44L920	RM44Lx 16/32-Bit RISC Flash Microcontroller	Safety
RM44L922	RM44Lx 16/32-Bit RISC Flash Microcontroller	Safety

Part Number	Name	Product Family
RM46L430	16- and 32-Bit RISC Flash Microcontroller	Safety
RM46L440	16/32-Bit RISC Flash Microcontroller	Safety
RM46L450	16/32-Bit RISC Flash Microcontroller	Safety
RM46L830	16/32-Bit RISC Flash Microcontroller	Safety
RM46L840	16/32-Bit RISC Flash Microcontroller	Safety
RM46L850	16/32-Bit RISC Flash Microcontroller	ARM Cortex-R
RM46L852	16/32-Bit RISC Flash Microcontroller	Safety
RM48L530	16/32-Bit RISC Flash Microcontroller	Safety
RM48L540	16/32-Bit RISC Flash Microcontroller	Safety
RM48L550	16/32-Bit RISC Flash Microcontroller	Safety
RM48L730	16/32-Bit RISC Flash Microcontroller	Safety
RM48L740	16/32-Bit RISC Flash Microcontroller	Safety
RM48L750	16/32-Bit RISC Flash Microcontroller	Safety
RM48L930	16/32-Bit RISC Flash Microcontroller	Safety
RM48L940	16/32-Bit RISC Flash Microcontroller	Safety
RM48L950	16/32-Bit RISC Flash Microcontroller	ARM Cortex-R
RM48L952	16/32-Bit RISC Flash Microcontroller	Safety
RM57L843	16/32-Bit RISC Flash Microcontroller	ARM Cortex-R
SM320DM355-EP	Digital Media System-on-Chip (DMSoC)	ARM9
SM320DM642-EP	Enhanced Product Video/Imaging Fixed-Point Digital Signal Processor	DSP
SM320DM6446-HIREL	HiRel DaVinci Digital Media System-on-Chip	DSP + ARM9
SM320F2801-EP	Enhanced Product Digital Signal Processors	Real-time Control
SM320F2808-EP	Enhanced Product Digital Signal Processors	Real-time Control
SM320F2812	Military Digital Signal Processor	Real-time Control
SM320F2812-EP	Enhanced Product Digital Signal Processor	Real-time Control
SM320F2812-HT	High Temperature Digital Signal Controller	Real-time Control
SM320F28335-EP	Enhanced Product Digital Signal Controller	Real-time Control
SM320F28335-HT	High Temperature Digital Signal Controller	Real-time Control
SM320VC5507-EP	Enhanced Product Fixed-Point Digital Signal Processor	16-bit Fixed-point
SM320VC5510A-EP	Enhanced Product Fixed-Point Digital Signal Processor	16-bit Fixed-point
SM320VC5510A-HIREL	Fixed-Point Digital Signal Processor	16-bit Fixed-point
SMJ320F2812	Military Digital Signal Processor	Real-time Control
SMOMAPL138B-HIREL	Low-Power Applications Processor	DSP+ARM9
TM4C1230C3PM	Tiva C Series Microcontroller	ARM Cortex-M4 Core
TM4C1230D5PM	Tiva C Series Microcontroller	Control + Automation
TM4C1230E6PM	Tiva C Series Microcontroller	Control + Automation
TM4C1230H6PM	Tiva C Series Microcontroller	Control + Automation
TM4C1231C3PM	Tiva C Series Microcontroller	Control + Automation
TM4C1231D5PM	Tiva C Series Microcontroller	Control + Automation
TM4C1231D5PZ	Tiva C Series Microcontroller	Control + Automation
TM4C1231E6PM	Tiva C Series Microcontroller	Control + Automation
TM4C1231E6PZ	Tiva C Series Microcontroller	Control + Automation
TM4C1231H6PGE	Tiva C Series Microcontroller	Control + Automation
TM4C1231H6PM	Tiva C Series Microcontroller	Control + Automation
TM4C1231H6PZ	Tiva C Series Microcontroller	Control + Automation
TM4C1232C3PM	Tiva C Series Microcontroller	Control + Automation
TM4C1232D5PM	Tiva C Series Microcontroller	Control + Automation
TM4C1232E6PM	Tiva C Series Microcontroller	Control + Automation
TM4C1232H6PM	Tiva C Series Microcontroller	Control + Automation
TM4C1233C3PM	Tiva C Series Microcontroller	Control + Automation
TM4C1233D5PM	Tiva C Series Microcontroller	Control + Automation
TM4C1233D5PZ	Tiva C Series Microcontroller	Control + Automation
TM4C1233E6PM	Tiva C Series Microcontroller	Control + Automation
TM4C1233E6PZ	Tiva C Series Microcontroller	Control + Automation
TM4C1233H6PGE	Tiva C Series Microcontroller	Control + Automation
TM4C1233H6PM	Tiva C Series Microcontroller	Control + Automation
TM4C1233H6PZ	Tiva C Series Microcontroller	Control + Automation
TM4C1236D5PM	Tiva C Series Microcontroller	Control + Automation
TM4C1236E6PM	Tiva C Series Microcontroller	Control + Automation
TM4C1236H6PM	Tiva C Series Microcontroller	Control + Automation
TM4C1237D5PM	Tiva C Series Microcontroller	Control + Automation
TM4C1237D5PZ	Tiva C Series Microcontroller	Control + Automation
TM4C1237E6PM	Tiva C Series Microcontroller	Control + Automation
TM4C1237E6PZ	Tiva C Series Microcontroller	Control + Automation

Part Number	Name	Product Family
TM4C1237H6PGE	Tiva C Series Microcontroller	Control + Automation
TM4C1237H6PM	Tiva C Series Microcontroller	Control + Automation
TM4C1237H6PZ	Tiva C Series Microcontroller	Control + Automation
TM4C123AE6PM	Tiva C Series Microcontroller	Control + Automation
TM4C123AH6PM	Tiva C Series Microcontroller	Control + Automation
TM4C123BE6PM	Tiva C Series Microcontroller	Control + Automation
TM4C123BE6PZ	Tiva C Series Microcontroller	Control + Automation
TM4C123BH6PGE	Tiva C Series Microcontroller	Control + Automation
TM4C123BH6PM	Tiva C Series Microcontroller	Control + Automation
TM4C123BH6PZ	Tiva C Series Microcontroller	Control + Automation
TM4C123BH6ZRB	Tiva C Series Microcontroller	Control + Automation
TM4C123FE6PM	Tiva C Series Microcontroller	Control + Automation
TM4C123FH6PM	Tiva C Series Microcontroller	Control + Automation
TM4C123GE6PM	Tiva C Series Microcontroller	Control + Automation
TM4C123GE6PZ	Tiva C Series Microcontroller	Control + Automation
TM4C123GH6PGE	Tiva C Series Microcontroller	Control + Automation
TM4C123GH6PM	Tiva C Series Microcontroller	Control + Automation
TM4C123GH6PZ	Tiva C Series Microcontroller	Control + Automation
TM4C123GH6ZRB	Tiva C Series Microcontroller	Control + Automation
TM4C129DNCPDT	Tiva C Series Microcontroller	Control + Automation
TM4C129DNCZAD	Tiva C Series Microcontroller	Control + Automation
TM4C129ENCPDT	Tiva C Series Microcontroller	Control + Automation
TM4C129ENCZAD	Tiva C Series Microcontroller	Control + Automation
TM4C129XNCZAD	Tiva C Series Microcontroller	Control + Automation
TMS320C2801	32-Bit Digital Signal Controller with ROM	Real-time Control
TMS320C2802	32-Bit Digital Signal Controller with ROM	Real-time Control
TMS320C2810	32-Bit Digital Signal Controller with ROM	Real-time Control
TMS320C2811	32-Bit Digital Signal Controller with ROM	Real-time Control
TMS320C2812	32-Bit Digital Signal Controller with ROM	Real-time Control
TMS320C28341	Delfino Microcontroller	Real-time Control
TMS320C28342	Delfino Microcontroller	Real-time Control
TMS320C28343	Delfino Microcontroller	Real-time Control
TMS320C28344	Delfino Microcontroller	Real-time Control
TMS320C28345	Delfino Microcontroller	Real-time Control
TMS320C28346	Delfino Microcontroller	Real-time Control
TMS320C5504	Fixed-Point Digital Signal Processor	16-bit Fixed-point
TMS320C5505	Fixed-Point Digital Signal Processor	16-bit Fixed-point
TMS320C5514	Fixed-Point Digital Signal Processor	16-bit Fixed-point
TMS320C5515	Fixed-Point Digital Signal Processor	16-bit Fixed-point
TMS320C5532	Fixed-Point Digital Signal Processor	16-bit Fixed-point
TMS320C5533	Fixed-Point Digital Signal Processor	16-bit Fixed-point
TMS320C5534	Fixed-Point Digital Signal Processor	16-bit Fixed-point
TMS320C5535	Fixed-Point Digital Signal Processor	16-bit Fixed-point
TMS320C6410	Fixed-Point Digital Signal Processor	Fixed-point
TMS320C6411	Fixed-Point Digital Signal Processor	Fixed-point
TMS320C6412	Fixed-Point Digital Signal Processor	Fixed-point
TMS320C6413	Fixed-Point Digital Signal Processor	Fixed-point
TMS320C6414	Fixed-Point Digital Signal Processor	Fixed-point
TMS320C6414T	Fixed-Point Digital Signal Processor	Fixed-point
TMS320C6415	Fixed-Point Digital Signal Processor	Fixed-point
TMS320C6415T	Fixed-Point Digital Signal Processor	Fixed-point
TMS320C6416	Fixed-Point Digital Signal Processor	Fixed-point
TMS320C6416T	Fixed-Point Digital Signal Processor	Fixed-point
TMS320C6418	Fixed-Point Digital Signal Processor	Fixed-point
TMS320C6421	Fixed-Point Digital Signal Processor	Fixed-point
TMS320C6424	Fixed-Point Digital Signal Processor	Fixed-point
TMS320C6452	Digital Signal Processor	Fixed-point
TMS320C6454	Fixed-Point Digital Signal Processor	Fixed-point
TMS320C6455	Fixed-Point Digital Signal Processor	Fixed-point
TMS320C6457	Communications Infrastructure Digital Signal Processor	Fixed-point
TMS320C6472	Fixed-Point Digital Signal Processor	C6000 Multicore DSP
TMS320C6474	Multicore Digital Signal Processor	C6000 Multicore DSP
TMS320C6654	Fixed and Floating Point Digital Signal Processor	KeyStone Multicore DSP
TMS320C6655	Fixed and Floating Point Digital Signal Processor	KeyStone Multicore DSP

Part Number	Name	Product Family
TMS320C6657	Fixed and Floating Point Digital Signal Processor	KeyStone Multicore DSP
TMS320C6670	Multicore Fixed and Floating-Point System-on-Chip	KeyStone Multicore DSP
TMS320C6671	Fixed and Floating-Point Digital Signal Processor	KeyStone Multicore DSP
TMS320C6672	Multicore Fixed and Floating-Point Digital Signal Processor	KeyStone Multicore DSP
TMS320C6674	Multicore Fixed and Floating-Point Digital Signal Processor	KeyStone Multicore DSP
TMS320C6678	Multicore Fixed and Floating-Point Digital Signal Processor	KeyStone Multicore DSP
TMS320C6701	Floating-Point Digital Signal Processor	Fixed/Floating-point
TMS320C6711B	Floating-Point Digital Signal Processor	Fixed/Floating-point
TMS320C6711C	Floating-Point Digital Signal Processor	Fixed/Floating-point
TMS320C6711D	Floating-Point Digital Signal Processors	Fixed/Floating-point
TMS320C6712	Floating-Point Digital Signal Processor	Fixed/Floating-point
TMS320C6712D	Floating-Point Digital Signal Processors	Fixed/Floating-point
TMS320C6713	Floating-Point Digital Signal Processor	Fixed/Floating-point
TMS320C6713B	Floating-Point Digital Signal Processors	Fixed/Floating-point
TMS320C6720	Floating-Point Digital Signal Processor	Fixed/Floating-point
TMS320C6722	Floating-Point Digital Signal Processor	Fixed/Floating-point
TMS320C6722B	Floating-Point Digital Signal Processor	Fixed/Floating-point
TMS320C6726	Floating-Point Digital Signal Processor	Fixed/Floating-point
TMS320C6726B	Floating-Point Digital Signal Processor	Fixed/Floating-point
TMS320C6727	Floating-Point Digital Signal Processor	Fixed/Floating-point
TMS320C6727B	Floating-Point Digital Signal Processor	Fixed/Floating-point
TMS320C6742	Fixed/Floating Point Digital Signal Processor	Fixed/Floating-point
TMS320C6743	Fixed/Floating-Point Digital Signal Processor	Fixed/Floating-point
TMS320C6745	Fixed/Floating-Point Digital Signal Processor	Fixed/Floating-point
TMS320C6746	Fixed/Floating Point Digital Signal Processor	Fixed/Floating-point
TMS320C6747	Fixed/Floating-Point Digital Signal Processor	Fixed/Floating-point
TMS320C6748	Fixed/Floating Point Digital Signal Processor	Fixed/Floating-point
TMS320DM335	Digital Media System-on-Chip (DMSoC)	ARM9
TMS320DM355	Digital Media System-on-Chip (DMSoC)	ARM9
TMS320DM357	Digital Media System-on-Chip (DMSoC)	ARM9
TMS320DM365	DaVinci Digital Media Processor	ARM9
TMS320DM368	DaVinci Digital Media Processor	ARM9 + Video Core
TMS320DM369	DaVinci Digital Media Processor	ARM9
TMS320DM640	Video/Imaging Fixed-Point Digital Signal Processor	DSP
TMS320DM641	Video/Imaging Fixed-Point Digital Signal Processor	DSP
TMS320DM642	Video/Imaging Fixed-Point Digital Signal Processor	DSP
TMS320DM643	Video/Imaging Fixed-Point Digital Signal Processor	DSP
TMS320DM6431	Digital Media Processor	DSP + ARM9
TMS320DM6433	Digital Media Processor	DSP + ARM9
TMS320DM6435	Digital Media Processor	DSP + ARM9
TMS320DM6437	Digital Media Processor	DSP + ARM9
TMS320DM6441	DaVinci Digital Media System-on-Chip	DSP + ARM9
TMS320DM6443	DaVinci Digital Media System-on-Chip	DSP + ARM9
TMS320DM6446	DaVinci Digital Media System-on-Chip	ARM9 + Video Core
TMS320DM6448	Digital Media System-on-Chip (DMSoC)	DSP + ARM9
TMS320DM6467	Digital Media System-on-Chip	DSP + ARM9
TMS320DM6467T	Digital Media System-on-Chip	DSP + ARM9
TMS320DM647	Digital Media Processor	DSP
TMS320DM648	Digital Media Processor	DSP
TMS320DM8147	DaVinci Digital Media Processor	ARM Cortex-A8+ Video Core
TMS320DM8148	DaVinci Digital Media Processor	DSP + ARM Cortex-A8
TMS320DM8165	DaVinci Digital Media Processor	DSP + ARM Cortex-A8
TMS320DM8167	DaVinci Digital Media Processor	DSP + ARM Cortex-A8
TMS320DM8168	DaVinci Digital Media Processor	DSP + ARM Cortex-A8
TMS320F2801	32-Bit Digital Signal Controller with Flash	Real-time Control
TMS320F28015	32-Bit Digital Signal Controller with Flash	Real-time Control
TMS320F28016	32-Bit Digital Signal Controller with Flash	Real-time Control
TMS320F2802	32-Bit Digital Signal Controller with Flash	Real-time Control
TMS320F28020	Piccolo Microcontroller	Real-time Control
TMS320F280200	Piccolo Microcontroller	Real-time Control
TMS320F28021	Piccolo Microcontroller	Real-time Control
TMS320F28022	Piccolo Microcontroller	Real-time Control
TMS320F280220	Piccolo Microcontroller	Real-time Control
TMS320F28023	Piccolo Microcontroller	Real-time Control

Part Number	Name	Product Family
TMS320F280230	Piccolo Microcontroller	Real-time Control
TMS320F28026	Piccolo Microcontroller	Real-time Control
TMS320F280260	Piccolo Microcontroller	Real-time Control
TMS320F28026F	Piccolo Microcontroller with InstaSPIN-FOC	Real-time Control
TMS320F28027	Piccolo Microcontroller	Real-time Control
TMS320F280270	Piccolo Microcontroller	Real-time Control
TMS320F28027F	Piccolo Microcontroller with InstaSPIN-FOC	Real-time Control
TMS320F28030	Piccolo Microcontroller	Real-time Control
TMS320F28031	Piccolo Microcontroller	Real-time Control
TMS320F28032	Piccolo Microcontroller	Real-time Control
TMS320F28033	Piccolo Microcontroller	Real-time Control
TMS320F28034	Piccolo Microcontroller	Real-time Control
TMS320F28035	Piccolo Microcontroller	Real-time Control
TMS320F28044	Digital Signal Controller	Real-time Control
TMS320F28050	Piccolo Microcontroller	Real-time Control
TMS320F28051	Piccolo Microcontroller	Real-time Control
TMS320F28052	Piccolo Microcontroller	Real-time Control
TMS320F28052F	Piccolo Microcontroller with InstaSPIN-FOC	Real-time Control
TMS320F28052M	Piccolo Microcontroller with InstaSPIN-MOTION	Real-time Control
TMS320F28053	Piccolo Microcontroller	Real-time Control
TMS320F28054	Piccolo Microcontroller	Real-time Control
TMS320F28054F	Piccolo Microcontroller with InstaSPIN-FOC	Real-time Control
TMS320F28054M	Piccolo Microcontroller with InstaSPIN-MOTION	Real-time Control
TMS320F28055	Piccolo Microcontroller	Real-time Control
TMS320F2806	32-Bit Digital Signal Controller with Flash	Real-time Control
TMS320F28062	Piccolo Microcontroller	Real-time Control
TMS320F28062F	Piccolo Microcontroller with InstaSPIN-FOC	Real-time Control
TMS320F28063	Piccolo Microcontroller	Real-time Control
TMS320F28064	Piccolo Microcontroller	Real-time Control
TMS320F28065	Piccolo Microcontroller	Real-time Control
TMS320F28066	Piccolo Microcontroller	Real-time Control
TMS320F28067	Piccolo Microcontroller	Real-time Control
TMS320F28068	Piccolo Microcontroller	Real-time Control
TMS320F28068F	Piccolo Microcontroller with InstaSPIN-FOC	Real-time Control
TMS320F28068M	Piccolo Microcontroller with InstaSPIN-MOTION	Real-time Control
TMS320F28069	Piccolo Microcontroller	Real-time Control
TMS320F28069F	Piccolo Microcontroller with InstaSPIN-FOC	Real-time Control
TMS320F28069M	Piccolo Microcontroller with InstaSPIN-MOTION	Real-time Control
TMS320F2808	32-Bit Digital Signal Controller with Flash	Real-time Control
TMS320F2809	32-Bit Digital Signal Controller with Flash	Real-time Control
TMS320F2810	32-Bit Digital Signal Controller with Flash	Real-time Control
TMS320F2811	32-Bit Digital Signal Controller with Flash	Real-time Control
TMS320F2812	32-Bit Digital Signal Controller with Flash	Real-time Control
TMS320F28232	Digital Signal Controller	Real-time Control
TMS320F28234	Digital Signal Controller	Real-time Control
TMS320F28235	Digital Signal Controller	Real-time Control
TMS320F28332	Delfino Microcontroller	Real-time Control
TMS320F28334	Delfino Microcontroller	Real-time Control
TMS320F28335	Delfino Microcontroller	Real-time Control
TMS320R2811	32-Bit Digital Signal Controller with RAM	Real-time Control
TMS320R2812	32-Bit Digital Signal Controller with RAM	Real-time Control
TMS320VC5501	Fixed-Point Digital Signal Processor	16-bit Fixed-point
TMS320VC5502	Fixed-Point Digital Signal Processor	16-bit Fixed-point
TMS320VC5503	Fixed-Point Digital Signal Processor	16-bit Fixed-point
TMS320VC5504	Low-Power Fixed-Point Digital Signal Processor	16-bit Fixed-point
TMS320VC5505	Low-Power Fixed-Point Digital Signal Processor	16-bit Fixed-point
TMS320VC5506	Fixed-Point Digital Signal Processor	16-bit Fixed-point
TMS320VC5507	Fixed-Point Digital Signal Processor	16-bit Fixed-point
TMS320VC5509	Fixed-Point Digital Signal Processor	16-bit Fixed-point
TMS320VC5509A	Fixed-Point Digital Signal Processor	16-bit Fixed-point
TMS320VC5510	Fixed-Point Digital Signal Processor	16-bit Fixed-point
TMS320VC5510A	Fixed-Point Digital Signal Processors	16-bit Fixed-point
TMS470MF03107	16/32-Bit RISC Flash Microcontroller	ARM Cortex-M3 Core
TMS470MF04207	16/32-Bit RISC Flash Microcontroller	Safety

Part Number	Name	Product Family
TMS470MF06607	16/32-Bit RISC Flash Microcontroller	Safety
TMS570LC4357	16- and 32-Bit RISC Flash Microcontroller	Safety
TMS570LS0232	16- and 32-Bit RISC Flash Microcontroller	Safety
TMS570LS0332	16- and 32-Bit RISC Flash Microcontroller	Safety
TMS570LS0432	16- and 32-Bit RISC Flash Microcontroller	Safety
TMS570LS0714	TMS570LS0714 16/32-BIT RISC Flash Microcontroller	Safety
TMS570LS0914	TMS570LS0914 16/32-BIT RISC Flash Microcontroller	Safety
TMS570LS10106	ARM Cortex-R4F Flash Microcontroller	Safety
TMS570LS10116	ARM Cortex-R4F Flash Microcontroller	Safety
TMS570LS10206	ARM Cortex-R4F Flash Microcontroller	Safety
TMS570LS10216	ARM Cortex-R4F Flash Microcontroller	Safety
TMS570LS1114	16- and 32-Bit RISC Flash Microcontroller	Safety
TMS570LS1115	16- and 32-Bit RISC Flash Microcontroller	Safety
TMS570LS1224	16- and 32-Bit RISC Flash Microcontroller	Safety
TMS570LS1225	16- and 32-Bit RISC Flash Microcontroller	Safety
TMS570LS1227	16- and 32-Bit RISC Flash Microcontroller	Safety
TMS570LS20206	ARM Cortex-R4F Flash Microcontroller	Safety
TMS570LS20206-EP	Enhanced Product 16- and 32-Bit RISC Flash Microcontroller	Safety
TMS570LS20216	ARM Cortex-R4F Flash Microcontroller	Safety
TMS570LS20216-EP	Enhanced Product 16- and 32-Bit RISC Flash Microcontroller	Safety
TMS570LS2124	16- and 32-Bit RISC Flash Microcontroller	Safety
TMS570LS2125	16- and 32-Bit RISC Flash Microcontroller	Safety
TMS570LS2134	16- and 32-Bit RISC Flash Microcontroller	Safety
TMS570LS2135	116- and 32-Bit RISC Flash Microcontroller	Safety
TMS570LS3134	16- and 32-Bit RISC Flash Microcontroller	Safety
TMS570LS3135	16- and 32-Bit RISC Flash Microcontroller	Safety
TMS570LS3137	16- and 32-Bit RISC Flash Microcontroller	ARM Cortex-R
VCE6467T	Digital Media System-on-Chip	DSP + ARM9

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