TMS320C6211 DSP Starter Kit (DSK)

This is a new starter kit for the Texas Instruments TMS320C6211 DSP, it provides system designers with an easy-to-use way to take their high performance C6211 designs from concept to production. The kit not only provides an introduction to the TMS320C6211 technology, but it is also powerful enough to use for fast development of networking, communications, imaging and other applications.

The kit is supplied with an extensive selection of hardware and software including:

- A C6211 DSK board that easily connects to a PC through a parallel port cable
- 150MHz C6211 DSP
- 4 MBytes of external SDRAM
- 128Kb of external FLASH memory

- TLC320AD535 16-bit data converter
- TPS56100 power management device
- JTAG controller for easy emulation and debugging
- C6000 C compiler an assembly Optimiser
- Code Composer debugger

- DSK support software
- Expansion interface for extensive system development
- Universal power supply

SEM897

TMS320C6211 DSP Starter Kit (DSK)..........Order Code 334-2750   each

C2000, C5000, C6000

C2000 DSPs give designs more processing power compared to 8, 16 and 32-bit microcontrollers and add features, easy-to-use development environment and wide ranging system flexibility with numerous peripherals.

C5000 devices provide the optimal solution for a wide range of products and sets the path for next generation communications applications.

C6000 platform provides a range of fixed and floating-point DSPs to enable developers to choose the device that best suits their specific application.

SEM844

Mftrs. List No.	Pins/Package	Description	Order Code	1+	10+	100+
					Price Each	
TMDS3PMCK240	-	Motion Control Evaluation system for the TMS320240PQ DSP processor........................	334-9780			
TMDX326P124X	-	Evaluation board for the TMS320240PQ DSP processor	334-9792			
TMDS3260A6201	-	Evaluation board for the TMS320C6201xx processor	334-9809			
TMDX3260A6701	-	Evaluation board for the TMS320C6701xx processor	334-9810			
TMS320F240PQ	132 PQFP	20 MIPS, 16-bit Fixed point DSP with 16K Flash, 12 PWM outputs, 16 Channel 10 bit ADC, 3 timers, 2 Serial ports	SMD 316-7732			
TMS320F241FN	68 PLCC	20 MIPS, 16-bit Fixed point DSP with 8K Flash, 12 PWM outputs, 16 Channel 10 bit ADC, 3 timers, 2 Serial ports	SMD 316-7756			
TMS320F241PG	64 PQFP	20 MIPS, 16-bit Fixed point DSP with 8K Flash, 8 PWM outputs, 8 Channel 10 bit ADC, 3 timers, 2 Serial ports	SMD 316-7744			
TMS320F243PGE	144 PQFP	20 MIPS, 16-bit Fixed point DSP with 8K Flash, 8 PWM outputs, 8 Channel 10 bit ADC, 2 timers, 2 Serial ports	SMD 316-7768			
TMS320VC33PGE120	144 LQFP	60 MIPS, 32-bit floating point, Hi performance DSP..	SMD NEW 355-5951			
TMS320VC33PGE150	144 LQFP	75 MIPS, 32-bit floating point, Hi performance DSP..	SMD NEW 355-5963			
TMS320VC549PGE-100	144 TQFP	100 MIPS, 40-bit ALU, 16-bit Memory fixed Point Advanced Bus DSP.............................	SMD NEW 355-5987			
TMS320VC5409PGE-80	144 TQFP	80 MIPS, 40-bit ALU, 16-bit Memory fixed Point Advanced Bus DSP..............................	SMD NEW 355-5999			
TMS320VC5409PGE100	144 TQFP	100 MIPS, 40-bit ALU, 16-bit Memory fixed Point Advanced Bus DSP.............................	SMD NEW 355-5975			
TMS320VC5402GGU100	144 BGA	100 MIPS, 16-bit fixed point, low power, low cost DSP	SMD 316-7781			
TMS320VC5402PGE100	144 TQFP	100 MIPS, 16-bit fixed point, low power, low cost DSP	SMD 316-7770			
				1+	5+	10+
TMS320VC5410GGW100	176 BGA	100 MIPS, 16-bit fixed point, low power DSP	SMD 316-7800			
TMS320VC5410PGE100	144 TQFP	100 MIPS, 16-bit fixed point, low power DSP	SMD 316-7793			
TMS320VC5420GGU200	144 BGA	200 MIPS, 16-bit fixed point, low power DSP	SMD 316-7823			
TMS320VC5420PGE200	144 TQFP	200 MIPS, 16-bit fixed point, low power DSP	SMD 316-7811			
TMS320C6201GJC167	35MM 352 BGA	1 GFLOPS, 167MHz High Performance 32-bit floating point DSP	SMD 316-7859†			
TMS320C6201GJC200	35MM 352 BGA	1600 MIPS, 200MHz High Performance 32-bit fixed point DSP.......................................	SMD 316-7835			
TMS320C6201GJL200	27MM 352 BGA	1600 MIPS, 200MHz High Performance 32-bit fixed point DSP.......................................	SMD 316-7847			
TMSC6701GCJ16719V	35MM 352 BGA	1 GFLOPS, 167MHz High Performance 32-bit fixed point DSP	SMD 335-4696			

† Available until stocks are exhausted

TMS DSP Starter Kits

Increase DSP understanding and design expertise easily and inexpensively with TI's TMS320 Starter Kits. The kits are complete with a TMS320 based board, assembler and debugger software, and documentation.

They run on PC/AT systems with MSDOS version 4.01 or later.

Board Features:
- RS232 serial port.
- 2.5mm jack for PSU input.
- Two RCA jacks for analogue i/p and o/p.
- On-board EPROM.
- 1.5K words on-chip RAM on the 33MHz TMS320C2X board.
- 2K words on-chip RAM on the 40MHz TMS320C5X board.

Assembler/Debugger Features:
- Easy to use interface.
- Special directives to assemble code at an absolute address.
- Window orientated debugger interface enabling download, execution and code debug.
- Small, easy to follow command set.

SEM209

TMS320C2X Starter Kit ....Order Code 485-330   each
TMS320C5X Starter Kit ....Order Code 571-088   each

DSP Teaching KIt
Includes TMS320C5X Starter Kit

Using a mixture of essential theory coupled with intriguing experiments, the DSP Teaching Kit enables the first or second year undergraduate electronics student to grasp the fundamentals of DSP. The kit can also be used with computer studies students, industrial training courses, or technicians.

Offering outstanding value for money the DSP Teaching KIt also includes the TMS320C5X starter kit (also available separately, order code 571-088).

Contents:
- Instructor's Guide
- Students notes
- "A Simple Approach to DSP" book
- Demonstration programs with source code

- Full set of overhead transparencies
- Tests and marking sheets
- DSP Starter Kit based on the TMS320C5X with assembler and debugger
- 9-volt ac power supply and cables

SEM396

Supplied with European power supply only.

	Order Code	Price Each	
		1+	5+
DSP Teaching Kit	790-850		

Semiconductors – Integrated Circuits

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