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TMS320C5000 DSP Teaching

Kit **Status:** OBSOLETE

TMDX3200154

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Product Information

Description

A Fast, Powerful and Fun Environment for Teaching DSP

Using a mixture of theory and laboratory examples, TMS320C5000 DSP Teaching Kit helps students learn and retain the fundamentals of digital signal processing.

The C5000 DSP Teaching Kit provides the instructor with easy-to-use development tools, plus classroom and laboratory materials. The materials are designed to reduce the student's learning curve while encouraging hands-on experimentation using real-world problems and solutions. The C5000 Teaching Kit is ideal for use in university classrooms, corporate training courses and for instructing technicians.

Ordering Information: Part Number TMDX3200154 includes a standard US power cord. Part Number TMDX3200154E version includes both UK & European power cords.

The C5000 Teaching Kit combines the C5000 DSP Starter Kit [TMDX320005402](#) with educational materials on CDROM to provide instructors everything necessary for a comprehensive DSP learning experience.

C5402 DSK features:

TMDX320C5402 DSP target board
DSK-specific version (32K application size limited) Code Composer Studio IDE
Parallel port interface, power supply and all necessary cables

Educational Materials:

- Six chapters of CD-ROM-based information on DSP and C5000 DSP architecture including slides, lecture notes, and test questions for each chapter.

Chapter 1: Introduction to DSP (includes C5000 architecture overview)
Chapter 2: From Analog to Digital
Chapter 3: Filtering
Chapter 4: The Frequency Domain
Chapter 5: Applications of DSP
Chapter 6: Assembly Language Basics

- Fourteen C5000 DSP assembly language tutorials

All Educational contents are editable files so instructors can customize the materials.

Features

The C5000 fixed-point DSP Teaching Kit is a low-cost comprehensive tool for introducing

students to the most popular DSP platform in the industry. Students learn about DSP technology and how to develop DSP-based applications.

Alternative Tools / Software

Name	Part#	Company	Tool / Software Type
TMS320C5416 DSP Starter Kit (DSK)	TMDSDSK5416	Texas Instruments	Starter Kits

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