



Introducing the 'TMS320C54x DSP Teaching Kit....

Getting started teaching DSP
just got easier

Price: \$249

Availability: 4Q99



TMS320C54x DSP Teaching Kit

- ◆ Targeted at engineering educators teaching digital signal processing
 - “Modular” design of teaching materials makes kit useful at all levels
- ◆ Provides hardware, software, and lecture materials necessary to start a fixed point DSP lecture or lab course or upgrade a current ‘C2x or ‘C5x course
- ◆ Includes ‘C54x DSK



'C54x DTK Teaching Materials

◆ Instructor's Guide

- Lecture slides
- Sample test questions
- Demo programs
- List of suggested textbooks
- Upgrading from the 'C2x/5x to the 'C54x



'C54x DTK Teaching Materials

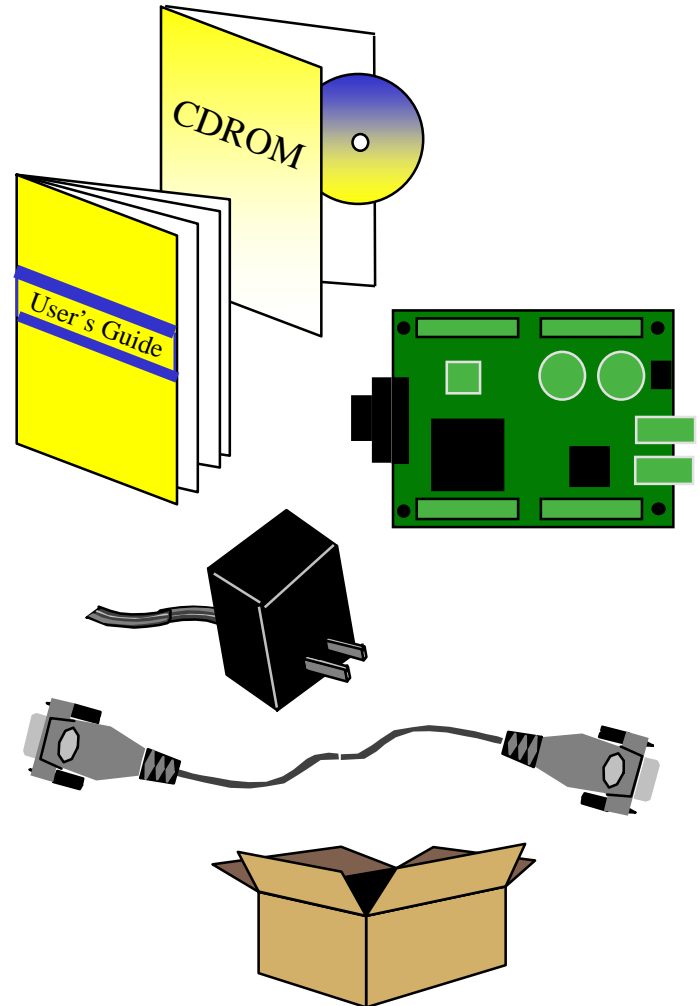
◆ Lecture Topics

- DSP Theory
- Analog v. Digital
- Filtering
- Frequency domain
- Applications of DSP
- 'C54x architecture
- General assembly language principles
- 'C54x assembly language principles



Getting Started has never been easier

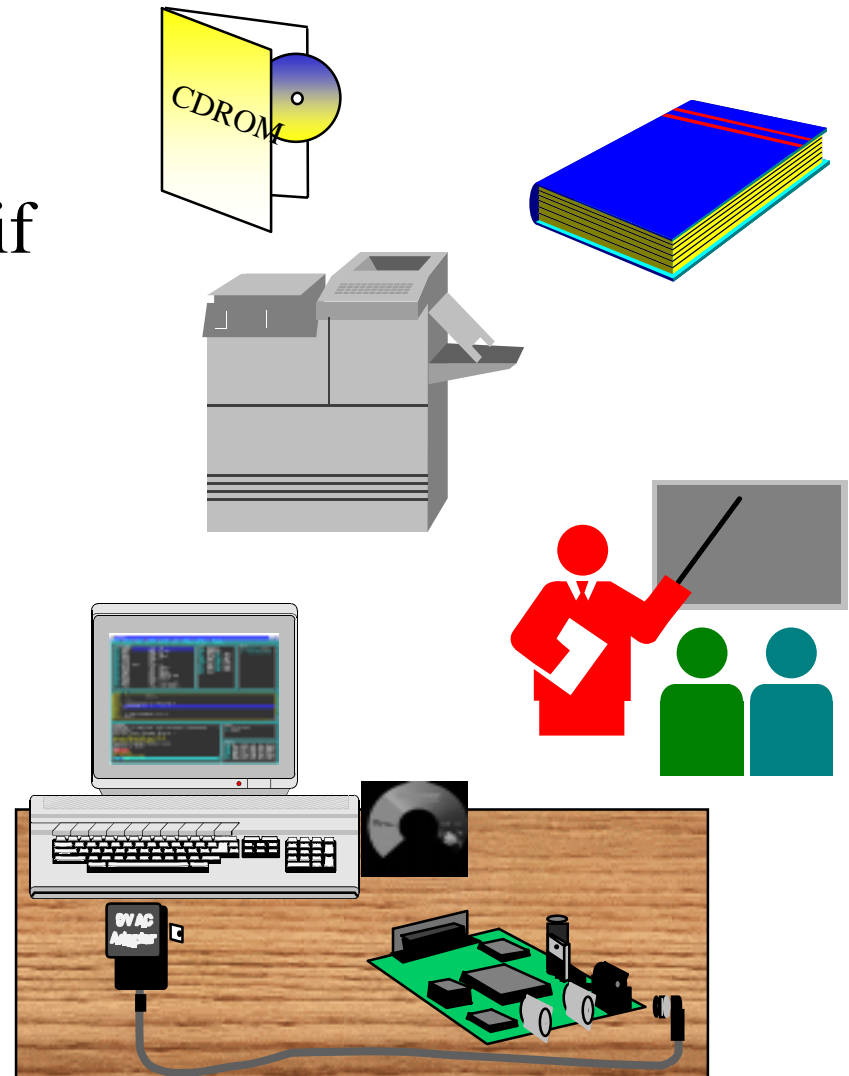
- ◆ Connect the DB25 cable from PC's parallel port to the DSK board
- ◆ Connect the power cable 2.5mm plug into the power jack on the DSK board & Plug it in
- ◆ Install DSK software
- ◆ Get started with the online tutorial





Getting Started has never been easier

- ◆ Read the Instructor's Guide; edit lecture slides if necessary
- ◆ Choose a textbook, if necessary
- ◆ Print the lecture slides on transparencies
- ◆ Install and run the demos
- ◆ Start teaching!





Free Stuff

- ◆ C compiler/assembler/linker and simulator
 - Full featured, 30-day time limited tools
 - <http://www.ti.com/sc/docs/tools/dsp/c5000freetool.html>
- ◆ DSP Library functions
 - C-callable assembly language functions
 - <ftp://ftp.ti.com/pub/tms320bbs/c5xxfiles/>
- ◆ Application notes
 - <http://www.ti.com/sc/docs/apps/dsp/appnotes.html>



Summary

- ◆ Price \$249
- ◆ Available in 4Q99
- ◆ Purchasable through TI authorized distributors
- ◆ Check DSP University Program web page for details -- <http://www.ti.com/sc/university>



Call to Action

- ◆ Attend the product expo this Thursday night!
 - See the DSK
 - Look over preliminary version of lectures
 - Ask questions
 - Provide feedback!
- ◆ Create a new 'C54x DSP course, or upgrade your 'C2x/5x course to 'C54x