

## TMS320C6713 DSP STARTER KIT



### **Product description:**

The TMS320C6713 DSP Starter Kit (DSK) developed jointly with Spectrum Digital is a low-cost development platform designed to speed the development of high precision applications based on TI's TMS320C6000 floating point DSP generation. The kit uses USB communications for true plug-and-play functionality. Both experienced and novice designers can get started immediately with innovative product designs with the DSK's full featured Code Composer Studio v3 IDE

### **Specifications**

#### **HARDWARE FEATURES:**

- | LED Display for Voltage & Current.
- | Texas Instrument's TMS320C6713 DSP operating at 225 Mhz.
- | Embedded USB JTAG controller with plug and play drivers, USB cable included.
- | TLV320AIC codec, 2M x 32 on board SDRAM, 512K bytes of on board Flash ROM.
- | 3 expansion connectors (Memory Interface, Peripheral Interface, and Host Port Interface).
- | On board IEEE 1149.1 JTAG connection for optional emulator debug.
- | Four 3.5 mm. audio jacks (microphone, line-in, speaker, and line out).
- | 4 user definable LEDs, 4 position dip switch, use definable.

*Note : Specifications can be altered without notice in our constant efforts for improvement.*

- | +5 Volt operation only, power supply included.
- | Size: 8.25" x 4.5" (210 x 115 mm), 0.062" thick, 6 layers.
- | Compatible with Spectrum Digital's DSK Wire Wrap Prototype Card.

#### **PRODUCT INCLUDES:**

- | C6713 DSP Development Board with 512K Flash and 8MB SDRAM.
- | C6713 DSK Code Composer Studio™ v3.0 IDE.
- | Quick Start Guide.
- | Technical Reference.
- | Customer Support Guide.
- | USB Cable.
- | Universal Power Supply.
- | AC Power Cord(s)

#### **OPERATING SYSTEM:**

- | WINDOWS NT® 4.0 SERVICE PACK 4 OR HIGHER.
- | WINDOWS® 2000 SERVICE PACK 1.
- | WINDOWS® ME WINDOWS® XP/Vista/7.

#### **HOST SYSTEM REQUIREMENT:**

- | PENTIUM PC.
- | 630 MB HARD DISK FREE SPACE.
- | 128 MB RAM OR ABOVE.
- | LOCAL CD DRIVE.
- | USB POR.