

DSP lab

| S.no. | Name of item | Specification | Qty |
|-------|---|---|-----|
| 1. | Digital signal processing Development Board | <p>No components on the top of the board only Detailed block diagram representation of DSP processor</p> <p>USB debugging comes with software which shows RTDX data ; Easily accessible peripherals like PPI Interface, Memory Expansion, Host Port Interface (HPI).</p> <p>Easily accessible Timers, External Interrupts, EMIF Controls, MCBSP Channels.</p> <p>CD Manual Should be Provided for more than 25 experiments ; IEEE 1284 compliant male-to-female cable</p> <p>Installation CD for Code Composer Studio Evaluation version should be supplied with setup.</p> <p>MPU : TMS320C6713DSP</p> <p>Operating frequency : 225 MHz</p> <p>USB : 1 port ; RS232 : 1 port ; GPIO : 32</p> <p>Power : + 5V ; Communication : USB cable</p> <p>Test Point : 5 nos. ;</p> <p>Interconnection for module : FRC cable and Berg strip</p> <p>Power Supply : 100V - 240V AC, 50Hz</p> <p>Included Accessories :</p> <p>Learning Material (CD) : 1 ; BNC to Test Prod cable : 1</p> <p>BNC to Crocodile cable : 1 ; Test Prod : 1 set</p> <p>Code Composer Studio DSK ; tools (CD) : 1</p> <p>Interface Card : 1 ; External DSP Lab software for shown RTDX data : 1 (Spl. Designed software to perform different experiments in DSP. Graphical screens provided for display of signals & waveforms on PC in time domain.</p> <p>Option of 1, 2, & 3 screens displayed simultaneously</p> <p>Should be supplied with : 70 MHz /IGs/s RTS/50 GS/s ETS 2 Channel Digital Storage oscilloscope ; Memory: 2 Mpts Display : 7 inches wide Colour TFT LCD</p> <p>Interface: USB Host & USB Device& RS 232 interface.</p> <p>32 automatic measurements ,FFT & Math & Pass Fail function;20 setups & 20 waveforms storage</p> <p>Triggering Modes : Alternate / Edge /Pulse / Slope / Video.</p> <p>Split screen for FFT, Alternate & Delayed time base.</p> <p>3 3.4 Digit DMM with embedded holster, Micro Ampere AC & DC current range ;Capacitance : 40nF to 100µF</p> <p>Frequency 10 HZ to 10 MHz ;Duty Cycle : 01. to 99 %.</p> <p>Display : LCD 63X31mm Backlit</p> <p>Accessories :Test leads, Test clips & manuals.</p> <p>Other Functions : Diode test, continuity ,relative measurement</p> <p>Data hold, sleep mode, low battery Indication</p> | 05 |