

Product Name :
Digital Signal Processor Trainer

Product Code :
Lab Trainers0003



Description :

Digital Signal Processor Trainer

We are Leading Supplier of Digital Signal Processor Trainer in India We also bulk supply Digital Signal Processor Trainer for laboratory tensors.

Features :

DSP Integration Development Environment Program
Display the TMS320C50 internal architecture
Edit, Assemble, Compile, Download & Program Run of source file
Code memory disassembles function
TMS320C50 register block & external memory dump and editing functions
Program scroll display function
Pop-Up menu display
Program stop to "ESC" key
Use to keyboard & mouse
Direct input to machine language
Various command function

I/O Port & interrupt experiment
I/O Port & experiment use to C language
I/O output function use to audio or analog signal
Analog Signal input function use to 16 bit A/D converter
Analog Signal output function use to 16 Bit D/A converter
Extension memory & I/O port interface connector for use
+5V, +12V, -12V S.M.P.S. (free voltage) power
Wood / Plastic case

Specifications :

PC operation program : DSP Integration Development Environment Program
Main RAM : 64 KB (62256 x 2)
Monitor ROM : 128 KB (27512 x 2)
Display unit : LCD (16 x 4 lines)
Serial port 1 : RS 232C (8251A x 1)
System clock : 40 MHz
Memory & I/O decoder : PAL 16L8 or GAL16V8 x 2
DSP Integration Development Program :
Display the TMS320C50 internal architecture
Edit, Assemble, Compile, Download & Program running of source life
Code memory disassemble function
Program the trace, Break function
Pop Up menu display
Key board : 16 key of Data, 8 key of Function
Expansion connector (I) : System 40 pins connector x 2
External interface connector 20 pins x 1
8255A A, B, C, port 30 pins x 1
Expansion connector (II) : Emulator 14 pins connector x 1
Audio interface (AIC) : TLC32040 (12 bit include with to A/D, D/A)
Audio jack : Input x 1, Output x 1
A/D converter : ADS7805P (16 bit)
D/A converter : DAC712P (16 bit)
I/O output : 10 x 8
I/O input & interrupt switch : 8 pins DIP switch x 1,
TACT switch x 4
External I/O interface : 8255A x 1
STEP motor interface : Driver T.R. x 4
System bus indicator : LED (5Ø) x 12

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