Product name:	Product code:
Digital Signal Processor Trainer	Digital0003



Description

Digital Signal Processor Trainer

Technical specification

- 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
- Power : 220V AC
- Board size : 310 x 265 mm
- Wood / Plastic case : 100 x 300 x 430 mm (H x D X W)

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Digital Signal Processor Trainer

- DSP Integration Development Environment Program
- Display the TMS320C50 internal architecture