

Product Code . EL-EELE-11309

## Digital Signal Processor Trainer



### Description

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#### Digital Signal Processor Trainer

Specifications:-

- Monitor ROM : 128 KB (27512 x 2).
- Display unit : LCD (16 x 4 lines).
- Serial port 1 : RS 232C (8251A x 1).
- PC operation program : DSP Integration Development Environment Program.
- Main RAM : 64 KB (62256 x 2).
- 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.

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- Code memory disassemble function.
  - 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.
  - Program the trace, Break function.
  - Pop Up menu display.
  - 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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