DIGITAL-ANALOG TRAINING SYSTEM  ETS-7000

SPECIFICATIONS

1. SOLDERLESS BREADBOARD: AD-222
   Interconnected with 2712 tie points nickel plated contact, fitted all DIP sizes and all components with lead and solid wire AWG #22-30 (0.3-0.8mm). It can be changed and replaced for different purpose and can be connected with demonstration panel.
   Therefore, it is very convenient for both teachers and students both.

2. DC power supply:
   (A) Fixed DC output: +5 V, 1 A.
   (B) Fixed DC output: -5 V, 300 mA.
   (C) Variable DC output: 0 V ~ +15 V, 500 mA.
   (D) Variable DC output: 0 V ~ -15 V, 500 mA.

3. Potentiometers:
   (A) Variable resistor VR1=1K
   (B) Variable resistor VR2=100K

4. Function generator
   (A) Frequency range 1 Hz ~ 10 Hz
       10 Hz ~ 100 Hz
       100 Hz ~ 1K Hz
       1K Hz ~ 10K Hz
       10K Hz ~ 100K Hz
   (B) Amplitude Sine wave output: 0 - 8 Vpp variable
       Triangle wave output: 0 - 6 Vpp variable
       Square wave output: 0 - 8 Vpp variable
       TTL mode output: 0 - +5 V

5. Eight bits data switches:
   8pcs toggle switches and corresponding output point. When switch is set at "down" position, the output is LO level; contrarily, it is to be HI level while setting at "up" position.

6. Speaker:
   2-1/2 inch diameter, 8 0.25 W to be used for load.

7. Four channel adaptor:
   Both of the two banana sockets’ and two BNC jacks’ point tips are changeable. It is suitable for ETS-7000 to be connected with peripherals.

8. Two digits of segment LED display:
   - Output display
     Numerical designs and resultant displays

   2 pcs pushbutton switches contain switches debouncer for eliminating the bounce caused by switch from "open" to "close" or from "close" to "open" position.

10. 8 bits LED display:
    Eight red LED’s separate input terminals. The LED will be lighted up when input is at "HI level", and it will be turned off when it is at no input or at "LO level".

11. Universal connector fixed holder:
    It reserves universal connector fixed holder on the panel in order to be connected with various universal connectors, which are available listed below:
    - Standard accessory:
      UC-03 Straight header 60 pin
    - Optional accessories:
      UC-01: Card edge connector 2.54 mm 62 pin
      UC-02: RS-232 connector 25 pin D sub connector, male & female
      UC-04: Card edge connector 3.96 mm 28 pin

12. Other standard accessories:
    - Power cord
    - Pin: 6pcs
    - User manual

13. Dimensions: 325 x 250 x 95 mm (L x W x H)

14. Weight: 4.3 Kg