

DTK-03B

ANALOG COMPONENT TRAINER



DTK-03B is a Single Board Trainer Kit which is widely used to train engineers to Develop/Study hardware for any Active & Passive components in laboratory. This board having Resistor bank, capacitor bank, Inductor bank, Regulators, Transistors, Diodes, Relay etc for experimenting the active & Passive component techniques. .

Specifications

- Resistor Bank ranging from 10 ohm to 1M ohm
- Capacitor Bank ranging from 1Kpf - 1micro farad
- Inductor Bank (10nos)
- Voltage regulators one each IC-7805, 7905
- Transistors one each NPN-BC547,SL100, PNP-BC558,SK100
- JFET 2N3819, MOSFET BS170, DIAC DB3, UJT 2N6027, SCR TYN612, TRIAC BT136
- Diodes 1N 4007 (4 Nos.), Diode 1N4148, Diode OA79, Zener Diodes 1.2V, 5.1V, 12V
- 12V SPDT Relay with outputs NC, NO & Common terminated on 2mm banana sockets
- On board Thermistor, Photodiode & LDR.
- One 8ohm Speaker with outputs on 2mm banana sockets
- One five mm LED with outputs terminated

on 2mm banana sockets

- On board Two Input Switches & Two Output Led Indicator
- Variable potentiometers of 1K, 100K provided on board
- 20 Pin Vero Socket with output terminated in 2mm Socket
- Fixed DC Power Supply: $\pm 12V$.
- Variable DC Power supply of 0 to +15V & 0 to 30V.
- AC Power Supply of 15V-0-15V-
- All interconnections are made using 2mm socket.
- All ICS are mounted on IC Sockets.
- Bare board Tested Glass Epoxy SMOBC PCB is used.
- Attractive ABS Enclosure.
- User's Manual with sample experimental programs

Note : Specifications can be altered without notice in our constant efforts for improvement.