

DTK-01A
DIGITAL/ANALOG TRAINER KIT



Specifications

- **Indicators**
 - 10 TTL/CMOS Logic Level Inputs with Dual Color LED indication for logic low and logic high
 - 10 LED for output indication.
- **Clock Generator**
 - Fixed Clock generation of 1Hz, 10Hz, 100Hz, 1KHz, 10KHz, 100KHz & 1MHz.
- **Pulse Generator**
 - Logic Pulsar provides single pole double throw bounce less pulses of Low to High and High to Low transitions.
- **Logic Probe**
 - Logic Probe facility provided with LED indicators to indicate Logic High, Low & Tri-state.
- **Potentiometers.**
 - Variable potentiometers of 1K, 10K 100K provided on board.
- **Bread Board Area.**
 - Four Distribution Strip of 100 tie points each totaling 400 tie points.
 - Two Terminal Strip of 630 tie points totaling 1260 tie points.
- **Function Generator (using IC 8038).**
 - Provides Sine, Square and Triangular output waveforms.
 - Frequency variable from 0-200 KHz in FIVE steps.
- **Display**
 - Four digit seven-segment LED display.
- **Power Supplies.**
 - Fixed DC Power Supply: +5V, ±12V.
 - Variable DC Power supply of +1.2V to +15V & -1.2V to -15V.
 - AC Power Supply of 15V-0-15V.
- **Interconnections**
 - All interconnections are made using 2mm banana Patch cords.
- All ICS are mounted on IC Sockets.
- Bare board Tested Glass Epoxy SMOBC PCB is used.
- Attractive Wooden enclosures of Light weight Australian Pine Wood.
- Set of 2mm Patch cords for interconnections.
- User's Manual with sample experimental programs.

DTK-01B
DIGITAL/ANALOG TRAINER KIT



Specifications

- **Indicators**
 - 10 TTL/CMOS Logic Level Inputs with Dual Color LED indication for logic low and logic high
 - 10 LED for output indication.
- **Bread Board Area**
 - Two Distribution Strip of 100 tie points each totaling 200 tie points
 - One Terminal Strip of 630 tie points
- **Function Generator (using IC 8038).**
 - Provides Sine, Square and Triangular output waveforms.
 - Frequency variable from 0-200 KHz in FIVE steps.
- **Power Supplies**
 - Fixed DC Power Supply: +5V, ±12V.
 - Variable DC Power supply of +1.2V to +15V & -1.2V to -15V.
 - AC Power Supply of 15V-0-15V
- **Interconnections**
 - All interconnections are made using 2mm banana Patch cords.
- All ICS are mounted on IC Sockets.
- Bare board Tested Glass Epoxy SMOBC PCB is used.
- Attractive Wooden enclosures of Light weight Australian Pine Wood.
- Set of 2mm Patch cords for interconnections.
- User's Manual with sample experimental programs.

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