Product name:	Product code:
Basic Electronic Trainer	Instrumentation0009

Description

Basic Electronic Trainer

Technical specification

- BCD Adder and Sub-tractor
- Mono-stable and Alarm Circuit
- Touch Switch and 4518 Counter
- LCDM and Digital Display Circuit

Signal Process Circuits Module :

- R-2R Ladder Network
- A/D and D/A Converter
- Low-pass, High-pass, Band-pass and Band-stop Filter

Regulator DC Power Supply Module :

- 7805 ad 7905 Regulator Characteristics
- 7805 and 7905 Expanded Voltage
- 7805 and 7905 Voltage Regulator
- 7805 and 7905 Current Source

LED & Transistor Application Circuits Module :

- Electrons Competition answer Machine
- Basic Remote Lamp Controller (DC)
- Remote Lamp Controller (AC)
- Electronic Wheel amusement machine

Function Generator & DC Power Supply Module :

- Waveforms : Sine, Triangle, Square, TTL Pulse
- Amplitude : >10 Vpp
- Impedance : 50? ±10%
- Duty control : 30% ~ 60%
- Display : 6 Digit LED Display
- Frequency Range : 10Hz to 100KHz (4 ranges), 100Hz to 1MHz (4 ranges)
- Frequency control : Separative coarse with fine tuning
- Constant Voltage Output : ±5V, ±12V
- Variable Voltage Output : 0V ~ ±15V
- Power Source : 220 ~ 230V AC, 50Hz, 1 Phase

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