Product name:	Product code:
Bread Board Circuit Lab	EEN0039



Description

Bread Board Circuit Lab

Technical specification

One independent buffered bounce less manual pulser (useful for freezing the action of each stage of the counter after every clock pulse)

8. **Logic Level Inputs** :
   Eight independent buffered logic level inputs to select High / Low TTL levels, each with a LED to indicate high / low status and termination.
9. **Logic Level** :
   Eight independent buffered logic level indicators for High / Low status indication Indicators of digital outputs.
10. **AC Supplies** :
    9 – 0 – 9 VAC / 500 mA.
11. **Speaker** : 8 ohms miniature speaker with terminations.
12. **Potentiometers** : 3 Potentiometers (1K, 10K and 100K) with terminations.
13. **Power ON** : Power ON switch with indicator for mains on indication and fuse for protection.
14. **Patch Cords** :
    a. Set of 25 assorted colored single stand hook – up wires.
    b. Set of 15 assorted colored multi – stand wires with 2mm stackable plug termination at one end & hook-up wire termination at the other end.
15. **Components provided** : IC-7400/1, 7402/1, 7408/1, 7432/1, 7404/1, 7490/1, 7495/1, 7486/1, 7476/2, 7410/2.
16. **Power Requirement** : 230V + 10% single phase AC.
    Weight : 5 Kg. (Approx.)
    Dimension : W 412 x H 150 x D 310

Bread Board Circuit Lab

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1. **Bread boards** :
   Unique solder-less large size, spring loaded breadboard consisting of two Terminal Strips with 1280 tie points and 4 Distribution Strips with 1000 tie points each, totaling to 3680 tie points. (Size 410mm x 140mm approx.)
2. **IC based DC Reg**. :
   (a). +12 V / 500 mA (fixed and with facility to vary from 0 to +12 V).
3. **Power Supplies** :
   :(b). -12 V / 500 mA (fixed and with facility to vary from 0 to -12 V).
   :(c). + 5V ± 0.25V / 500mA (fixed).
4. **Digital meters** :
   :(a) Dual range DC voltmeter (20 V / 200V). (3.5 Digit)
   :(b) Dual range DC current meter (200 mA / 2A).
5. **Continuity Tester** :
   Audio / Visual indication.
6. **Clock Generators** :
   (a). 0.1Hz, b. 1Hz, c. 100Hz, d. 1KHz. Simultaneous independent fixed TTL (5V) outputs.
7. **Manual Pulser** :