

Product Name :
Bread Board Circuit Lab**Product Code :**
ALABS-A36-057**Description :****Bread Board Circuit Lab**

1. Unique solder-less large size, spring loaded breadboard consisting of two Terminal Strips with 1280 tie points and 4 Distribution Strips with 100 tie points each, totaling to 1680 tie points. (Size:112mm x 170mm 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 \pm 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 :

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



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