

OM LABS

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OM LAB PRODUCTS

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GSTIN: 06AKBPG9661L1ZV

CIRCUIT BOARD MODEL



- **Battery Section (1.5V–6V DC)**
- Battery Holders: 2x holders
- Voltage Terminals:
 - COM (Common ground).
 - 1.5V, 3V, 4.5V, and 6V terminals.
 - Pre-configured internal series connection (1.5V steps).
- **Use:** Provides different voltage levels for experiments.
- **Buzzer**
- Voltage: Max 1.5V.
- Type: DC buzzer.
- **Use:** Emits sound when powered; used to indicate circuit completion or alarm.
- **Electric Fan**
- Voltage: Max 1.5V.
- Type: Small DC motor.
- **Use:** Demonstrates conversion of electrical energy to mechanical energy.

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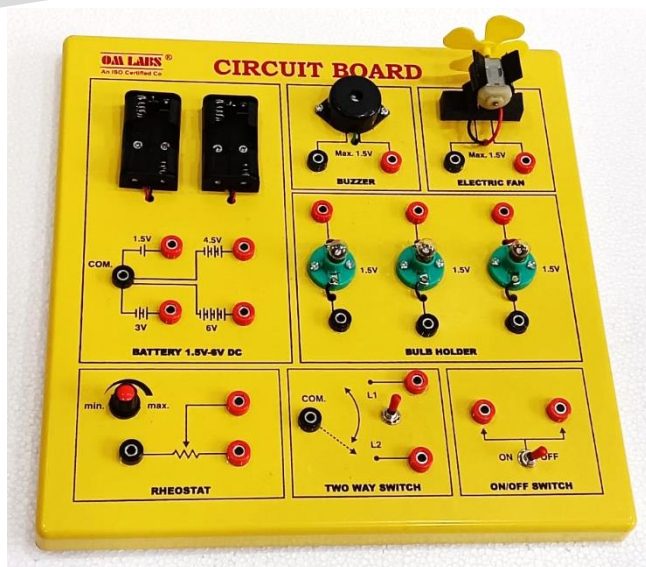
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- **Bulb Holders (x3)**
- Voltage: 1.5V each.
- Sockets: Brought upon the board for connections.
- **Use:** Basic circuits, series/parallel connection experiments.
- **Rheostat**
- Adjustment: knob (min to max).
- Terminals: 3 (input, variable output, and ground).
- **Use:** Demonstrate resistance control to manage current flow.
- **Two-Way Switch**
- Terminals: COM, L1, L2.
- **Use:** Demonstrate switching between two outputs or toggling paths in a circuit
- **On/Off Switch:** Controls flow of current to any component(fan,bulb,or buzzer)

This circuit board is mainly used for:

- Basic electronics and physics experiments.
- School-level science education.
- Understanding current, voltage, resistance.
- Effect of voltage and current in series and parallel connections.

Note: Specification and image are subject to change w/o notice due to Continuous improvement

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