



**38698** BCD Adder and Subtract or Trainer is a compact, ready to use digital electronics experiment board. This product has been designed specifically for the students to study and understand the concept of BCD addition and subtraction processes.

38698 has logic high-low input switch facility, LEDs for visual indication and direct reading of the inputOutput logic states and carry status.

**Object:**

01. Study of 1bit to 8Bit BCD Addition operation.
02. Study of 1bit to 8bit BCD Subtraction operation.

**Features:**

01. Facilitates 1 bit to 8bit BCD addition and subtraction modes.
02. LED's for visual indication of input output logic states.
03. Easy switching between addition and subtraction modes.
04. Unique design.

**Technical Specification:**

01. DC Power Supply : +5V
02. Logic Levels (Input Section A & B Total 16)  
+5V.....: High (Logic 1)  
0V.....: Low (Logic 0)
03. LED Indication : 26 Nos.  
Output section 10 & Input Section 16 Nos.  
LED will be ON for logic High or '1' State and will be OFF for logic low or '0' state.
04. Control Switch for Subtraction / Addition.
05. Operating Conditions : 0-40 °C, 85% RH
06. Power Supply : 230V ±10%, 50Hz
07. Power Consumption : 2VA (approximately)
08. Weight : 2.300 Kg (Approx)
09. Dimension : W340 X H125 X D210

**Other Apparatus Required:**

01. Digital storage Oscilloscope

Note: Specifications are subject to change.

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