

**Order Code-38003 to 38016** Series Electronic Component Display Boards have been designed specifically to study different types of Resistors, Potentiometers, Capacitors, Switches, Band switches, Diodes, Transistors, Semi-conductor devices, Cables, Connectors, Relays, Transformers and Different IC's. Practical experience on this board carries great educative value for Science and Engineering Students. Order Code-38003 to 38016 Series consists of the following :

**Features:**

01. Board Size 300 X 400mm, with better safety, rigidness and contrast.
02. Symbolic representation of Components.
03. Actual components mounted right across the place.
04. Individual working without direct teacher supervision.
05. Stimulates independent student activity.

**Study of Different Resistors & Colour Coding**  
**Order Code-38003**

Carbon Resistors 1/4, 1/2, 1 & 2 Watt of different tolerances, Metal Film Resistors 1/4, Watt, High Precision, Wire Wound Resistors of different types with complete theory description. Total 20 Resistors.



**Study of Different Potentiometers**  
**Order Code-38004**

Vertical Preset, Horizontal preset, Carbon linear, Carbon log, Carbon ganged (Dual) Multi-turn Horizontal Trimpot, Vertical Trimpot, Cermet, Sliding and wire wound pot with complete theory, description. Total 10 pots.



**Study of Different Capacitors & Colour Coding**  
**Order Code-38005**

Ceramic disc, Mica button, Tantalum radial, Tantalum axial, Non-electrolytic disc, Electrolytic Radial, Polyster foil, Styroflex, Ceramic Tabular paper, Metalised Polyster, Metalised Poly-Carbonate, Metalised Poly - propylene, Metalised film, Trimmer and Gang Condenser with theory and description. Total 16 Capacitors.



**Study of Different Switches**  
**Order Code-38006**

PUSH to 'ON', PUSH to 'OFF', Slide, Key Board, DIP Switch, Leaf Switch, SPST Toggle, Miniature DPDT Toggle, Rocker and Rotary Thumb wheel with complete theory and description. Total 13 Switches.



**Study of Different Band Switches**  
**Order Code-38007**

1 Pole 11 Way, 2 Pole 5 Way, 4 Pole 3 Way for Radio etc. 1 Pole 11 Way Miniature and 2 Pole 5 Way Miniature, 6 Pole 3 Way for Transistors Mega type Band switches with complete Theory and description. Total 7 Band Switches.



Note: Specifications are subject to change.


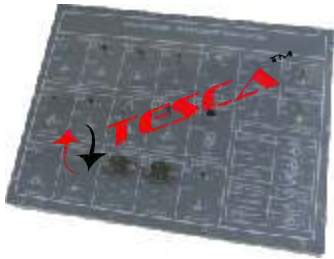
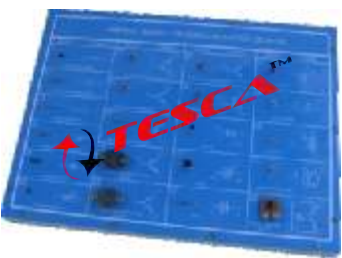


**Tesca Technologies Pvt. Ltd.**

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<p><b>Study of Different Diodes</b> <b>Order Code-38008</b></p> <p>Silicon detector, Silicon rectifier, Bridge rectifier, Germanium diode, Hot Carrier diode, Power diode, Varactor diode, Photo diode, Trigger Diode and Zener diode with complete theory and description. Total 10 diodes</p>	
<p><b>Study of Different Transistors</b> <b>Order Code-38009</b></p> <p>A small signal, IF/RF Amplifier, High speed switching Power, General purpose, All above are PNP &amp; NPN both type, Matched pair, Darlington Pair, High Voltage, Photo transistor, UJT, FET and MOSFET. Total 19 transistors.</p>	
<p><b>Study of Semiconductor Devices and How to Test Them</b> <b>Order Code-38010</b></p> <p>Silicon Diode, Germanium Diode, Zener Diode, Varactor Diode, Varistor, Thermistor, U.J.T., Transistor NPN &amp; PNP, Power Transistor NPN &amp; PNP, JFET, MOSFET, SCR, TRIAC, LED, Photo Diode, LDR, Photo Transistor and Opto Coupler with Theory and testing procedure. Total 20 devices.</p>	
<p><b>Study of Different Wires &amp; Cable</b> <b>Order Code-38011</b></p> <p>Study of Bare Copper, Cotton Cover, Enamelled Copper, PVC Insulation, Multiwire Flexible, Electrical Wire and Flat Cable, Transmission Cable, Wave Guide Rectangular and Single Fibre Cable.</p>	
<p><b>Study of Different Connectors</b> <b>Order Code-38012</b></p> <p>To study Eyelet, Test pin, Insulated post, IC bases, Relay socket, Vacuum tube socket solder type, PCB terminal, One peice edge connector, Two peice connector, Rack and panel connector, Plug &amp; receptacle connector, Cylindrical connector and Tape cable connector.</p>	

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<p><b>Display Board on Different Type Relay</b> <b>Order Code-38013</b></p> <p>Plug in Relay 12 V 2C / O, 12 V 3C / O, 24 V 2C / O, 24 V 3C / O. General Purpose Relay 18 V 1C / O, 18 V 2C / O, 24 V 1C / O, 24 V 2C / O. General Purpose Relay 12 V 2C / O, 12 V 3C / O, PCB Mount Relay 6 V 1C / O, 18 V 1C / O, 24 V 1C / O, PCB Mount Relay 12 V 1C / O, Special Relay 18 V 2C / O, Read Relay Dip 5 V 1N / O, 24 V 1N / O, 5 V 2N / O, Power Relay 24 V DC 1C / O</p>	
<p><b>Display Board On Different Transformer</b> <b>Order Code-38014</b></p> <p>Isolation Transformer, Pulse Transformer, Voltage Transformer. Current Transformer, Impedance Transformer, Auto Transformer, Power Transformer, Constant Voltage Transformer</p>	
<p><b>Display Board on Different IC's</b> <b>Order Code-38015</b></p> <p>IC CD 7680 VIF &amp; SIF stage, TC TDA 2611A sound output stage. IC STMB 78237VM / 23A9950F System control, IC TA 7698 Chroma section. IC 8085A Microprocessor, IC 8155A Programmable I/O Ports &amp; Timer. IC 8255A Programmable peripheral Interface, IC 8253 Programmable interval timer. IC 8259A Programmable interrupt controller, IC LM 380 Audio Amplifier, IC TBA 810 Audio Amplifier</p>	
<p><b>Transformer Display Step Down Transformer</b> <b>Order Code-38016</b></p> <p>Input 220V AC Output 6 - 0 - 6V AC at Lamp.</p>	
<p><b>Transformer Display Step Down Transformer</b> <b>Order Code-38016A</b></p> <p>Input 220V AC Output 24V AC Current 1Amp Size 200 x 300</p>	

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