

Common Schematic Symbols Used in Circuit Diagrams

Resistors (R#) Fixed Adjustable or Variable Photo Potentiometer Tapped Thermistor	Capacitors (C#) Fixed Non-Polarized Split-stator Electrolytic Variable Feed-Through	Inductors (L#) Air-core Magnetic-core Adjustable RFC air-core RFC	Tubes (V#) Diode (Rectifier) Triode Tetrode Cathode Anode or Plate Heater or Filament Gas Filled
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Wiring Terminal Conductors Joined Address or Data Bus Shielded Wire or Coaxial Cable Multiple Conductor Cable	Switches (S#) SPST Toggle SPDT Multi-Point Half-Closed Limit Switch Momentary Normally Open Normally Closed	Grounds Incandescent Neon (ac) 7-seg Ground Chassis Earth D-digital	Relays SPST SPDT DPDT
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Diodes (D#) LED (DS#) Diode/Rectifier Voltage Variable Capacitor Zener Schottky Thyristor (SCR) Triac Bridge Rectifiers	Transformers (T#) Air Core with Link with Magnetic-core Adjustable Inductance Adjustable Coupling Adjustable magnetic core	Miscellaneous Antenna Fuse Hand Key Quartz Crystal Motor Meter Assembly or Module (other than IC)
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Transistors (Q#) NPN PNP Darlington PNP MOSFET with Protection Diode Opto-Isolators	Logic (U#) AND OR NAND NOR XOR Invert Schmitt Trigger Other	Batteries (BT#) Single Cell Multi Cell Photo Cell	Connectors (P#, J#) Phone Jacks (J#) Phone Plug (P#) Contacts Male/Female Phono Jack MIC Jack (P#) Coaxial Connectors Terminal Strip 220 V Male 240 V Female
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