

TABLE 6.26 Schematic Symbols Used in Electronics





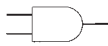










Component	Symbol
Ammeter	
Amplifier general	
Amplifier, inverting	
Amplifier, operational	
AND gate	
Antenna, balanced	
Antenna, general	
Antenna, loop	
Antenna, loop, multiturn	
Battery	
Capacitor, feedthrough	
Capacitor, fixed	
Capacitor, variable	
Capacitor, variable, split-rotor	
Capacitor, variable, split-stator	

TABLE 6.26 Schematic Symbols Used in Electronics (*Continued*)







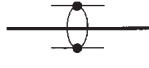

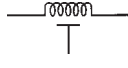






Component	Symbol
Cathode, electron-tube, cold	
Cathode, electron-tube, directly heated	
Cathode, electron-tube indirectly heated	
Cavity resonator	
Cell, electrochemical	
Circuit breaker	
Coaxial cable	
Crystal, piezoelectric	
Delay line	
Diac	
Diode, field-effect	
Diode, general	
Diode, Gunn	
Diode, light-emitting	
Diode, photosensitive	

TABLE 6.26 Schematic Symbols Used in Electronics (*Continued*)







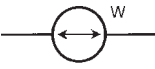








Component	Symbol
Diode, PIN	
Diode, Schottky	
Diode, tunnel	
Diode, varactor	
Diode, zener	
Directional coupler	
Directional wattmeter	
Exclusive-OR gate	
Female contact, general	
Ferrite bead	
Filament, electron-tube	
Fuse	
Galvanometer	
Grid, electron-tube	
Ground, chassis	

TABLE 6.26 Schematic Symbols Used in Electronics (*Continued*)







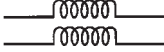


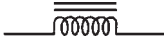
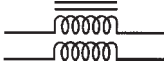
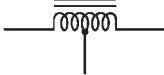
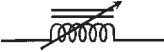
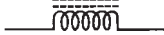
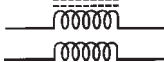
Component	Symbol
Ground, earth	
Handset	
Headset, double	
Headset, single	
Headset, stereo	
Inductor, air core	
Inductor, air core, bifilar	
Inductor, air core, tapped	
Inductor, air core, variable	
Inductor, iron core	
Inductor, iron core, bifilar	
Inductor, iron core, tapped	
Inductor iron core, variable	
Inductor, powdered-iron core	
Inductor, powdered-iron core, bifilar	

TABLE 6.26 Schematic Symbols Used in Electronics (Continued)

Component	Symbol
Inductor, powdered-iron core, tapped	
Inductor, powdered-iron core, variable	
Integrated circuit, general	
Jack, coaxial or phono	
Jack, phone, two-conductor	
Jack, phone, three-conductor	
Key, telegraph	
Lamp, incandescent	
Lamp, neon	
Male contact, general	
Meter, general	
Microammeter	
Microphone	

TABLE 6.26 Schematic Symbols Used in Electronics (*Continued*)






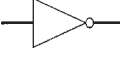
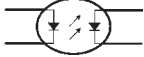



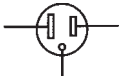
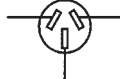


Component	Symbol
Microphone, directional	
Milliammeter	
NAND gate	
Negative voltage connection	
NOR gate	
NOT gate	
Optoisolator	
OR gate	
Outlet, two-wire, nonpolarized	
Outlet, two-wire, polarized	
Outlet, three-wire	
Outlet, 234-V	
Plate, electron-tube	
Plug, two-wire, nonpolarized	

TABLE 6.26 Schematic Symbols Used in Electronics (Continued)









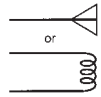




Component	Symbol
Plug, two-wire, polarized	
Plug, three-wire	
Plug, 234-V	
Plug, coaxial or phono	
Plug, phone, two-conductor	
Plug, phone, three-conductor	
Positive voltage connection	
Potentiometer	
Probe, radio-frequency	
Rectifier, gas-filled	
Rectifier, high-vacuum	
Rectifier, semiconductor	
Rectifier, silicon-controlled	

TABLE 6.26 Schematic Symbols Used in Electronics (*Continued*)

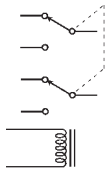
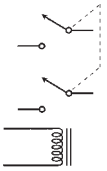
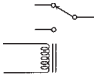
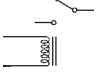

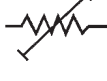



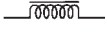

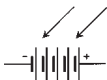
Component	Symbol
Relay, double-pole, double-throw	
Relay, double-pole, single-throw	
Relay, single-pole, double-throw	
Relay, single-pole, single-throw	
Resistor, fixed	
Resistor, preset	
Resistor, tapped	
Resonator	
Rheostat	
Saturable reactor	
Signal generator	
Solar battery	

TABLE 6.26 Schematic Symbols Used in Electronics (Continued)

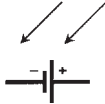



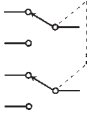
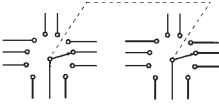
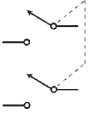



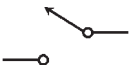

Component	Symbol
Solar cell	
Source, constant-current	
Source, constant-voltage	
Speaker	
Switch, double-pole, double-throw	
Switch, double-pole, rotary	
Switch, double-pole, single-throw	
Switch, momentary-contact	
Switch, silicon-controlled	
Switch, single-pole, rotary	
Switch, single-pole, double-throw	
Switch, single-pole, single-throw	

TABLE 6.26 Schematic Symbols Used in Electronics (Continued)




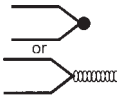










Component	Symbol
Terminals, general, balanced	
Terminals, general, unbalanced	
Test point	
Thermocouple	
Transformer, air core	
Transformer, air core, step-down	
Transformer, air core, step-up	
Transformer, air core, tapped primary	
Transformer, air core, tapped secondary	
Transformer, iron core	
Transformer, iron core, step-down	
Transformer, iron core, step-up	
Transformer, iron core, tapped primary	
Transformer, iron core, tapped secondary	

TABLE 6.26 Schematic Symbols Used in Electronics (*Continued*)

























Component	Symbol
Transformer, powdered-iron core	
Transformer, powdered-iron core, step-down	
Transformer, powdered-iron core, step-up	
Transformer, powdered-iron core, tapped primary	
Transformer, powdered-iron core, tapped secondary	
Transistor, bipolar, <i>NPN</i>	
Transistor, bipolar, <i>PNP</i>	
Transistor, field-effect, <i>N</i> -channel	
Transistor, field-effect, <i>P</i> -channel	
Transistor, MOS field-effect, <i>N</i> -channel	
Transistor, MOS field-effect, <i>P</i> -channel	
Transistor, photosensitive, <i>NPN</i>	
Transistor, photosensitive, <i>PNP</i>	

TABLE 6.26 Schematic Symbols Used in Electronics (*Continued*)

Component	Symbol
Transistor, photosensitive, field-effect, <i>N</i> -channel	
Transistor, photosensitive, field-effect, <i>P</i> -channel	
Transistor, unijunction	
Triac	
Tube, diode	
Tube, heptode	
Tube, hexode	
Tube, pentode	
Tube, photosensitive	
Tube, tetrode	

TABLE 6.26 Schematic Symbols Used in Electronics (Continued)

Component	Symbol
Tube, triode	
Voltmeter	
Wattmeter	
Waveguide, circular	
Waveguide, flexible	
Waveguide, rectangular	
Waveguide, twisted	
Wires, crossing, connected	 <p data-bbox="895 1234 959 1256">(preferred)</p>
	<p data-bbox="863 1267 879 1290">or</p>  <p data-bbox="895 1346 959 1368">(alternative)</p>
Wires, crossing, not connected	 <p data-bbox="895 1458 959 1480">(preferred)</p>
	<p data-bbox="863 1491 879 1514">or</p>  <p data-bbox="895 1570 959 1592">(alternative)</p>