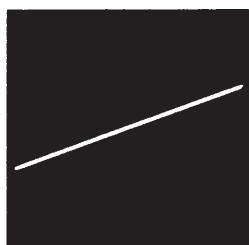


Single Components



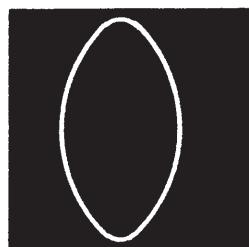
Short circuit



Resistor 510Ω



Mains transformer prim.



Capacitor $33\mu F$

Single Transistors



Junction B-C



Junction B-E

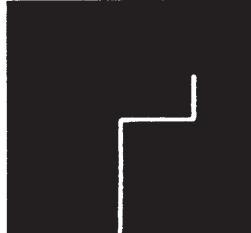


Junction E-C



FET

Single Diodes

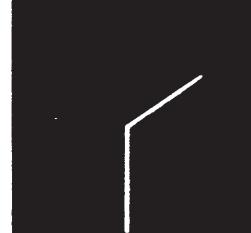


Z-diode under 8V

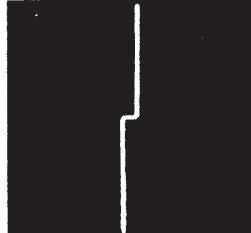


Z-diode beyond 12V

In-circuit Semiconductors



Diode paralleled by 680Ω



2 Diodes antiparallel



Silicon diode



Germanium diode



Diode in series with 51Ω



B-E paralleled by 680Ω



Rectifier



Thyristor G + A together



B-E with $1\mu F + 680\Omega$



Si-diode with $10\mu F$