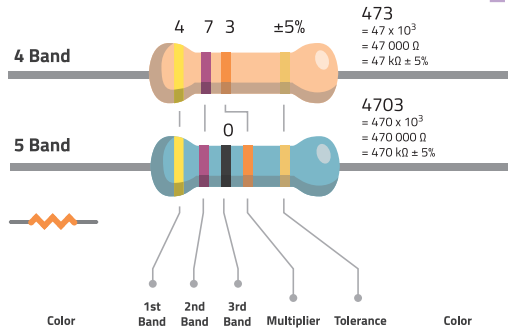


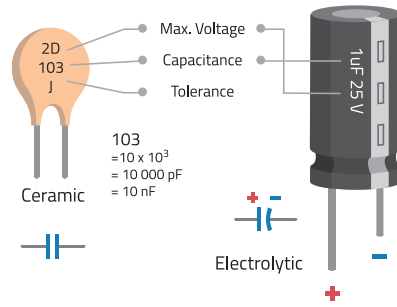
Resistor Color Code



Black	0	0	$\times 10^0$	0	Black
Brown	1	1	$\times 10^1$	±1%	Brown
Red	2	2	$\times 10^2$	±2%	Red
Orange	3	3	$\times 10^3$		Orange
Yellow	4	4	$\times 10^4$		Yellow
Green	5	5	$\times 10^5$	±.50%	Green
Blue	6	6	$\times 10^6$	±.25%	Blue
Violet	7	7	$\times 10^7$	±.10%	Violet
Grey	8	8		±.05%	Grey
White	9	9			White
Gold			$\times 10^{-1}$	±5%	Gold
Silver			$\times 10^{-2}$	±10%	Silver

Capacitor Identification

Common Capacitors

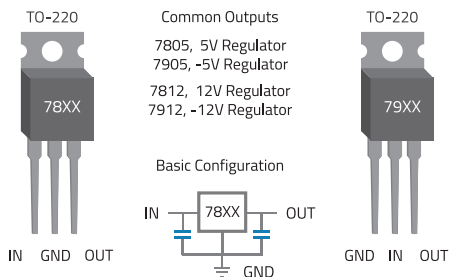


Capacitance Conversion Table

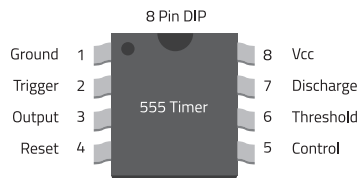
Microfarads (uF)	Nanofarads (nF)	Picofarads (pF)
0.000001 uF	= 0.001 nF	= 1 pF
0.00001 uF	= 0.01 nF	= 10 pF
0.0001 uF	= 0.1 nF	= 100 pF
0.001 uF	= 1 nF	= 1 000 pF
0.01 uF	= 10 nF	= 10 000 pF
0.1 uF	= 100 nF	= 100 000 pF
1 uF	= 1 000 nF	= 1 000 000 pF

Regulators and 555 IC

LM7XXX Regulator

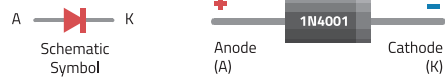


555 IC Pinout



Diodes and Transistors

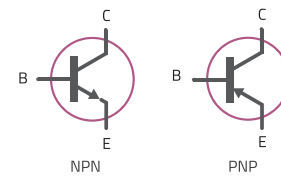
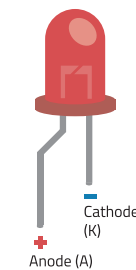
Diode



Bipolar Junction Transistor (BJT)

Refer to part datasheet as pinouts may vary per manufacturer.

Light Emitting Diode (LED)



BJT Schematic Symbols

