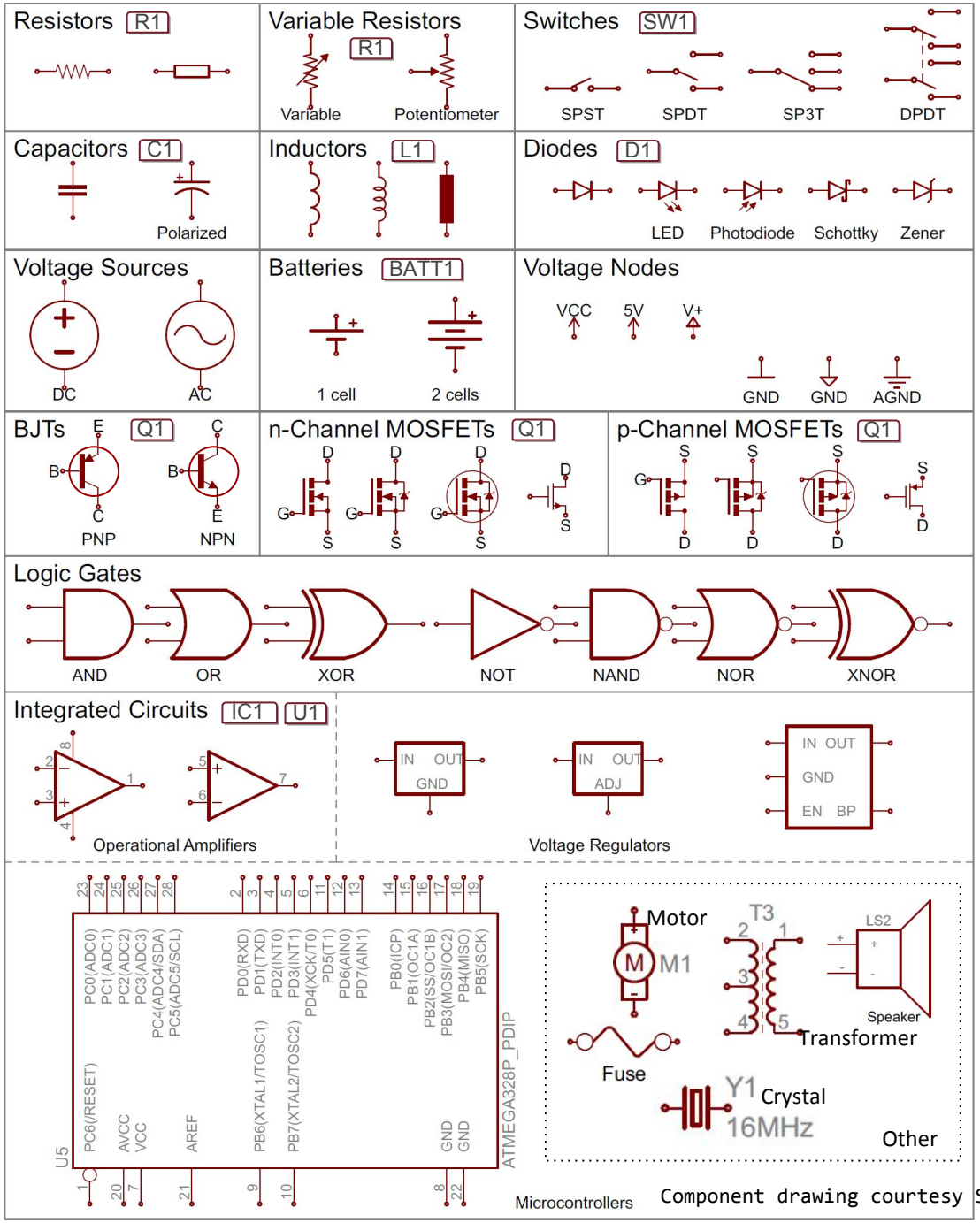
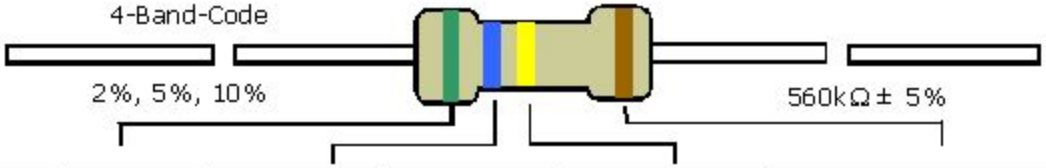


Component	Marking	Units
Resistor	R1 R1	Ohm (**Ω**, **KΩ**, or **K**)
Capacitor	C1 C1	Farad **μF** or **mF**
Diode	D1 D1 LED1	
Inductor	L1 L1	Henry (**μH** or **mH**)
Transistor (BJT)	Q1 Q1	
Integrated Circuit (IC)	IC1 IC1 U1 U1	
Crystal	Y1 Y1	Hertz (**Hz**)
Transformer	T1 T1	

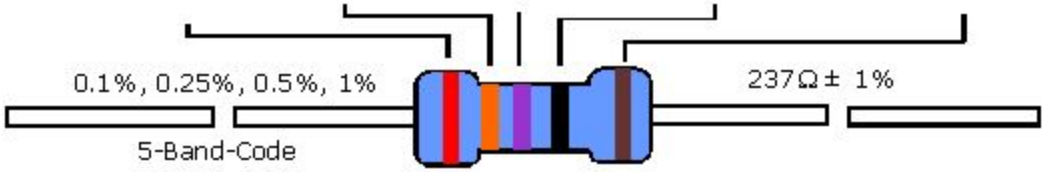
Component	Label	Value
Resistor	2.2K 2K2	2,200**Ω**
Power Supply	3V3	3.3v
	Vcc	*Use the spec sheet*

Component drawing courtesy SparkFun.

Book - Make: Electronics



COLOR	1st BAND	2nd BAND	3rd BAND	MULTIPLIER	TOLERANCE	
Black	0	0	0	1Ω		
Brown	1	1	1	10Ω	± 1%	(F)
Red	2	2	2	100Ω	± 2%	(G)
Orange	3	3	3	1KΩ		
Yellow	4	4	4	10KΩ		
Green	5	5	5	100KΩ	±0.5%	(D)
Blue	6	6	6	1MΩ	±0.25%	(C)
Violet	7	7	7	10MΩ	±0.10%	(B)
Grey	8	8	8		±0.05%	
White	9	9	9			
Gold				0.1	± 5%	(J)
Silver				0.01	± 10%	(K)



Courtesy http://electtechnician.blogspot.com/2010/09/resistor-color-code.html

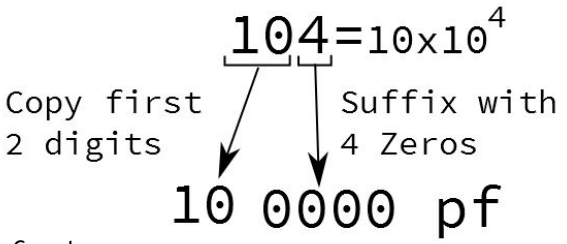
tera (T)	1,000,000,000,000
giga (G)	1,000,000,000
mega (M)	1,000,000
kilo (k)	1,000
hecto (h)	100
deca (da)	10
deci (d)	0.1
centi (c)	0.01
milli (m)	0.001
micro (μ)	0.000 001
nano (n)	0.000 000 001
pico (p)	0.000 000 000 001

SI Prefixes — Multiples & Sub-multiples

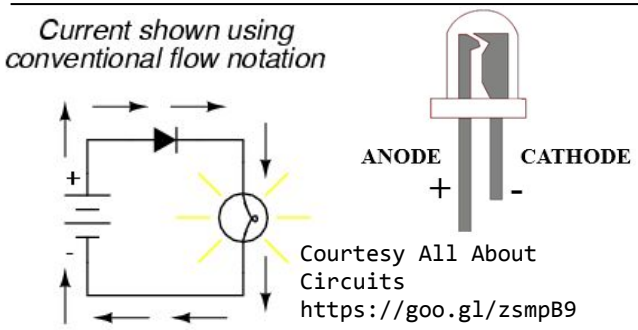
plainphysics.com

Courtesy
https://plainphysics.com/category/ordinary-physics/mechanics/si-units

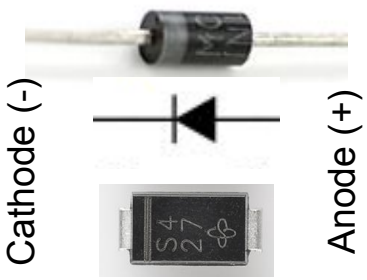
Identifying Ceramic, Non-polarized Capacitors

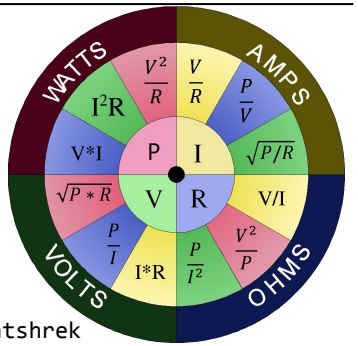


Courtesy
https://learn.sparkfun.com/tutorials/capacitor-kit-identification-guide



Courtesy All About Circuits
https://goo.gl/zsmpB9





Courtesy
https://imgur.com/user/fatshrek