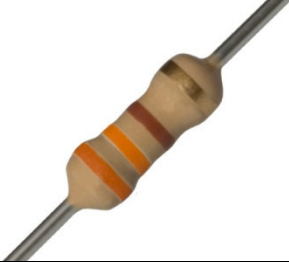
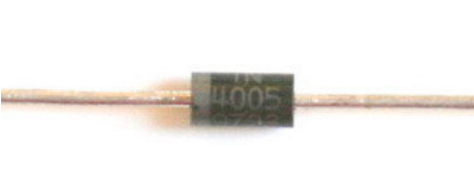
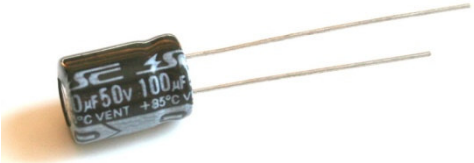





Breadboard Power Supply Parts List

V1.0

Please verify that all parts listed are present. If any parts are missing, contact Gravitech Customer Service at support@gravitech.us

Picture	Ref. Des.	Qty	Description	P/N & Datasheet	Distributor
	R1	1	Resistor 330 Ohm 1/4W 5% Orange Orange Brown Gold	CFR-25JB-330R or 291-330-RC	Digikey Mouser
	D1, D2, D3, D4	4	Diode rectifiers 1A 600V	1N4005G	Digikey Mouser
	C1, C2	2	Capacitor electrolytic 100µF 50V 20% (8x11.5x3.5mm)		Digikey Mouser
	C3	1	Capacitor ceramic 0.1µF 50V 20%	C320C104K5R5TA or C320C104M5R5TA	Digikey Mouser
	LED1	1	LED green 5mm		Digikey Mouser
	U1	1	IC 5V regulator 1.0A TO-220 or IC 3.3V regulator 0.5A TO-220 or IC 3.3V regulator 1.0A TO-220	L7805ABV or UA78M33CKCSE3 or NTE1904	Digikey Mouser

	J1	1	Connector 2.1mm power jack	PJ-202AH	Digikey
	J3, J4, J5, J6	4	Connector header 0.1" 2POS		Digikey Mouser
	SW1	1	Switch slide SPDT 2POS	SSA-12G	Digikey Mouser
		1	Heatsink TO-220 low profier	274-1AB	Digikey Mouser
		1	Screw machine 4-40 1/4" phillips	90272A106	McMaster-Carr
		1	Nut machine 4-40	90675A005	McMaster-Carr
	J2	1	Connector terminal block 5.08mm 2POS (Optional part, doesn't come with the kit)	1729128	Digikey Mouser

