

**EEVBLOG Inspired Constant Current Dummy Load Bill of Materials, 5/19/2011**

Designator	Description	Quantity	Value	Vendor	Vendor Part #
BH1	9V Battery Holder	1	NA	Mouser	12BH611-GR
C1, C2, C3	Ceramic Capacitor	3	0.1uF	Mouser	594-K104K15X7RF5TL2
D1	LED, Red	1	NA	Mouser	859-LTL-1CHE
H1	TO-220 Heatsink	1	NA	Mouser	532-529902B25G
Q1	MTP3055, N-channel Mosfet	1	NA	Mouser	512-MTP3055VL
R1 thru R10	Metal Film Resistor, 1%, 1/4W	10	10R	Mouser	660-MF1/4DCT52R10R0F
R11	Carbon Film Resistor, 5%, 1/4W	1	24K	Mouser	660-CFS1/4C243J
R12	Carbon Film Resistor, 5%, 1/4W	1	10K	Mouser	660-CFS1/4C103J
R13	Carbon Film Resistor, 5%, 1/4W	1	56K	Mouser	660-CFS1/4CT52R563J
R14	Carbon Film Resistor, 5%, 1/4W	1	1K	Mouser	660-CFS1/4C102J
RP1, RP2	Potentiometer	2	50K	Mouser	652-PTV09A-2020FB503
SW1	SPDT Switch	1	NA	Digikey/Mouser	EG1903-ND / 612-EG1218
U1	MCP6004, Quad Op Amp	1	NA	Mouser	579-MCP6004-I/P
U2	MC78L05ACP, 5v Regulator	1	NA	Mouser	512-MC78L05ACP