



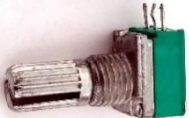













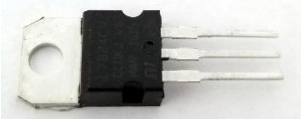




WeiKedz 0-30V 2mA-3A Adjustable DC Regulated Power Supply DIY Kit Component Identifier

Qty	Image	Description
20		R2-R6, R8-R22 - 1/4W 1% Resistors (see parts list for values).
1		R1 – 2.2K Ohm 1W 1% Resistor
1		R7 – 0.47 Ohm 5W 5% Resistor
1		RV1 – 100K Ohm 1/2W 10% Trimmer Resistor
2		P1,P2 – 10K Ohm 1/2W 10% Potentiometer
1		C1 – 3300uF 50V Electrolytic Capacitor
2		C2, C3 – 47uF 50V Electrolytic Capacitor
1		C7 – 10uF 50V Electrolytic Capacitor
5		C4, C5, C6, C8, C9 – Multilayer Chip Capacitors (see parts list for values)

4		D1, D2, D3, D4 - 1N5408 100V 3A Rectifier
4		D5, D6, D9, D10 - 1N4148 Switching Diode
2		D7, D8 - 1N752 5.6V 400mW Zener Diode
1		D11 - 1N4004 400V 1A Rectifier
1		Q1 - SS9014 NPN Low Noise Transistor
1		Q3 - SS9015 PNP Low Noise Transistor
1		Q2 - 2SD882 NPN Medium Power Transistor
1		Q4 - 2SD1047 NPN High Power Transistor
3		U1, U2, U3 - TL081 Opamp IC
1		U4 - 7824 +24V Regulator IC

1		J1 – 3 Position Terminal Strip
1		J2 – 2 Position Terminal Strip
2		J3, J4 – 3-pin Male PCB Connector
1		J5 – 2-Pin Male PCB Connector
1		HS1 - Small Heatsink
1		HS2 - Large Heatsink
4		Small Machine Screws for Heatsinks
2		Nuts for Potentiometer Shafts

2		Washers for Potentiometer Shafts
2		Potentiometer cables