

GOLT! AX-60 Power Supply BOM

1.6A fuse	1	
1.25 fuse	2	
Diodes		
1N4004	9	1A Diode
1N5333	2	3V3 Zener Diode
1N5338	2	5V1 Zener Diode
1N5404	8	3A Power Diode
Capacitors		
1uF 50V	1	2.5mm pitch, 5mm diameter. Or whatever fits.
10uF 25V	3	2.5mm pitch, 5mm diameter. Or whatever fits.
10uF 16V	1	2.5mm pitch, 5mm diameter. Just buy another 25V one as above. The only reason it's listed separately is 25V is not needed, but you can still use them.
100nF	3	7.5mm x 2.5mm, pitch 5mm.
100uF 25V	2	2.5mm pitch, 6mm diameter. Or whatever fits.
100uF 16V	1	2.5mm pitch, 6mm diameter. Just buy another 25V one as above.
220uF 25V	4	3.5mm pitch, 5mm diameter. Or whatever fits.
1000uF 25V	1	5mm pitch, 13mm diameter. Or whatever fits.
2200uF 25V	2	7.5mm pitch, 18mm diameter. Or whatever fits.
4700uF 16V	1	7.5mm pitch, 18mm diameter. Or whatever fits.
Resistors		
2K7	1	1/4W
5K1	1	1/4W
10R	2	1 WATT
12K	2	1/4W
15K	1	1/4W
47R	1	1/4W
150K	1	1/4W
240R	3	1/4W
470R	1	1/4W
500R trim pot	3	Burns 25 turn trimpot RJ9W 500R or equivalent
560R	2	1/4W

Regulators		
LM7815	1	15V Positive regulator TO-220 package
LM7915	1	15V Negative regulator TO-220 package
LM317	2	Positive regulator TO-220 package
LM337	1	Negative regulator TO-220 package
Transistors		
BC548	3	General NPN BJT transistor
Insulating Materials		
Insulating Thermal Pad	3	For TO-220 package. Mouser 567-173-7-220P or equivalent.
Insulating Washer	3	For TO-220 package. Mouser 532-7721-7PPS or equivalent.