

Power Supply BOM

Updated: 10/17/2014

Resistors:

QTY	Value	Ref.	Mouser Part #	
1	680Ω	R1	291-680-RC	
2	2.2kΩ	R2, R3	291-2.2K-RC	

TOTAL: 3

Diodes:

QTY	Part	Ref.	Mouser Part #	
3	3mm Red LED	-12, +12, +5	604-WP710A10ID	
2	SB540 Diode	D1, D2	625-SB540A-E3	

TOTAL: 5

Voltage Regulators:

QTY	Part	Ref.	Mouser Part #	
1	-12V Converter	U1	580-UEI15-120-Q12P-C	
1	5V Regulator	U2	580-OKI78SR5/1.5W36C	

TOTAL: 2

Jacks/Connectors:

QTY	Part	Ref.	Mouser Part #	
2	16-Pin Shrouded Header	J1, J2	517-30316-6002	
7	Screw Headers	X1, X2, X3	651-1729128	

TOTAL: 9

Other:

QTY	Part	Ref.	Mouser Part #	
1	PCB	PCB	Synthrotek	
1	Front Panel	N/A	Synthrotek	
4	Wood Screw	N/A	N/A	
4	Spacer	N/A	N/A	

TOTAL: 10