

Bill of Materials
for
LM4730 & LM4731 Reference PCB
(12/5/02)

Symbol	Value	Recommended Tolerance	Type/Description	Comment
R _{IN1} , R _{IN2}	47kΩ	5%	¼ Watt	
R _{B1} , R _{B2}	1kΩ	1%	¼ Watt	
R _{F1} , R _{F2}	20kΩ	1%	¼ Watt	
R _{i1} , R _{i2}	1kΩ	1%	¼ Watt	
R _{SN1} , R _{SN2}	4.7Ω	5%	¼ Watt	
R _G	2.7Ω	5%	¼ Watt	
C _{IN1} , C _{IN2}	1μF	10%	Metallized Polyester Film	
C _{i1} , C _{i2}	47μF	20%	Electrolytic Radial / 35V	
C _{SN1} , C _{SN2}	0.1μF	20%	Monolithic Ceramic	
C _V	0.1μF	20%	Monolithic Ceramic	
C _M	10μF	20%	Electrolytic Radial / 16V	
C _{S1} , C _{S2}	0.1μF	20%	Monolithic Ceramic	
C _{S3} , C _{S4}	10μF	20%	Electrolytic Radial / 35V	
C _{S5} , C _{S6}	470μF - 1,000μF	20%	Electrolytic Radial / 35V	
S ₁ , S ₂			SPDT (on-on) Switch	
J ₁ , J ₂			Non-switched PC Mount RCA Jack	
J ₄ , J ₇ , J ₈			PCB Banana Jack – BLACK	Supplier: Mouser Electronics Inc. www.mouser.com (800) 346 - 6873 Part #: 154 – 6218 (BLACK) Part #: 164 – 6219 (RED)
J ₃ , J ₅ , J ₆ , J ₉			PCB Banana Jack – RED	
U1			15 lead TO-220 Power ZigZag Socket or board mounted LM4730 or LM4731 IC	Socket Supplier: Loranger International Corp. www.loranger.com (408) 727 – 4234 Part #: 03551-151-6215
U2			LM340, 5V Fixed Regulator, TO-263 package (TS3B)	Supplier: National Semiconductor Corp.