

Bill of Materials
for
LM4782 Reference PCB
(12/04/03)

Symbol	Value	Recommended Tolerance	Type/Description	Comment
R _{IN1} , R _{IN2} R _{IN3}	33kΩ	5%	¼ Watt	
R _{B1} , R _{B2} , R _{B3}	1kΩ	1%	¼ Watt	
R _{F1} , R _{F2} , R _{F3}	20kΩ	1%	¼ Watt	
R _{I1} , R _{I2} , R _{I3}	1kΩ	1%	¼ Watt	
R _{SN1} , R _{SN2} , R _{SN3}	4.7Ω	5%	¼ Watt	
R _G	2.7Ω	5%	¼ Watt	
R _V	5.1kΩ	5%	¼ Watt	
C _V	0.1μF	20%	Monolithic Ceramic	
C _{IN1} , C _{IN2} , C _{IN3}	1μF	10%	Metallized Polyester Film	
C _{i1} , C _{i2} , C _{i3}	68μF	20%	Electrolytic Radial / 35V	
C _{SN1} , C _{SN2} , C _{SN3}	0.1μF	20%	Monolithic Ceramic	
C _{N1} , C _{N2} , C _{N3}	15pF	20%	Monolithic Ceramic	
C _{S1} , C _{S2}	0.1μF	20%	Monolithic Ceramic	
C _{S3} , C _{S4}	10μF	20%	Electrolytic Radial / 35V	
C _{S5} , C _{S6}	2,200μF	20%	Electrolytic Radial / 35V	
V _{ZD}	5.1V	1W	Zener Diode	
S ₁ , S ₂			SPDT (on-on) Switch	
J ₁ , J ₂ , J ₃			Non-switched PC Mount RCA Jack	
J ₅ , J ₇ , J ₉ , J ₁₁			PCB Banana Jack – BLACK	Supplier: Mouser Electronics Inc. www.mouser.com (800) 346 - 6873 Part #: 154 – 6218 (BLACK) Part #: 164 – 6219 (RED)
J ₄ , J ₆ , J ₈ , J ₁₀ , J ₁₂			PCB Banana Jack – RED	
U1			27 lead TO-220 Power Socket with push lever release or board mounted LM4782 IC	Socket Supplier: Loranger International Corp. www.loranger.com (408) 727 – 4234 Part #: 04555 – 271