

**Bill of Materials
for
LM4780 Reference PCB**
(6/30/03)

Symbol	Value	Recommended Tolerance	Type/Description	Comment
R _{IN1} , R _{IN2}	15k Ω	5%	¼ Watt	
R _{B1} , R _{B2}	1k Ω	1%	¼ Watt	
R _{F1} , R _{F2}	20k Ω	1%	¼ Watt	
R _{i1} , R _{i2}	1k Ω	1%	¼ Watt	
R _{SN1} , R _{SN2}	2.7 Ω	5%	¼ Watt	
R _G	2.7 Ω	5%	¼ Watt	
R _M	10k Ω	5%	¼ Watt	
C _{IN1} , C _{IN2}	1 μ F	10%	Metallized Polyester Film	
C _{i1} , C _{i2}	68 μ F	20%	Electrolytic Radial / 50V	
C _{SN1} , C _{SN2}	0.1 μ F	20%	Monolithic Ceramic	
C _{N1} , C _{N2}	15pF	20%	Monolithic Ceramic	
C _{S1} , C _{S2} , C _{S3}	0.1 μ F	20%	Monolithic Ceramic	
C _{S4} , C _{S5} , C _{S6}	10 μ F	20%	Electrolytic Radial / 35V	
C _{S7} , C _{S8}	1,000 μ F	20%	Electrolytic Radial / 35V	
S ₁			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			27 lead TO-220 Power Socket with push lever release or board mounted LM4780 IC	Socket Supplier: Loranger International Corp. www.loranger.com (408) 727 – 4234 Part #: 04555 – 271