

Bill of Materials for NCP4894 Demonstration Board

ON Semiconductor



6/22/2004

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
U1	1	Audio Power Amplifier	1.0 W	NA	9-Pin Flip-Chip	ON Semiconductor	NCP4894FCT1G	No	Yes
R3	1	Thick Film Chip Resistor	100 k Ω , 1/10 W	1%	0603	Panasonic	ERJ-3EKF1003V	Yes	No
R1,R2,R4,R5	4	Thick Film Chip Resistor	20 k Ω , 1/10 W	1%	0603	Panasonic	ERJ-3EKF2002V	Yes	No
C1 - C4	4	Ceramic Chip Capacitor	1.0 μ F, 6.3 V	10%	0603	Murata	GRM188R60J105KA01D	Yes	No
J4,J5	2	Header Pins, 2 Positions	0.1" Pitch	NA	NA	Tyco Electronics	5-826629-0	Yes	No
J10	1	Un-insulated Plug	NA	NA	10.16x9.0 mm	Harwin	D3082-01	Yes	No
J2	1	PCB Header, 3 Positions	8 A, 160 V	NA	NA	Phoenix Contact	MC 1,5/ 3-G-3,81	Yes	No
J2a	1	PCB Plug, 3 Positions	125 V	NA	NA	Phoenix Contact	MC-1,5/3-ST-3,81	Yes	No
J1, J3	2	PCB Header, 2 Positions	15 A, 300 V	NA	NA	Weidmuller	1514910000	Yes	No
J1a, J3a	2	PCB Plug, 2 Positions	16 A, 300 V	NA	NA	Weidmuller	1526410000	Yes	No