



Bill of Materials for the NCP2809A Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
U1,U3	2	Stereo Headphone Power Amplifier	135 mW	-	Micro10	ON Semiconductor	NCP2809ADMR2G	No	Yes
R1, R2	2	Thick Film Chip Resistor	100 k Ω , 150 V	1%	0805	Vishay	CRCW08051003FE3	Yes	Yes
C2, C4, C6, C8	4	Ceramic Chip Capacitor	390 nF, 50 V	20%	1812	Kemet	C1812C394M5UAC	Yes	Yes
C1, C3, C5, C7	4	Ceramic Chip Capacitor	1 μ F, 16 V	10%	1206	Murata	GRM42-6 X7R 105K 16V	Yes	Yes
C9, C10	2	Tantalum Chip Capacitor	220 μ F, 10 V	10%	7343-43	Kemet	T495X227K010AT	Yes	Yes
J4, J10	2	PCB Header, 2-poles	-	-	-	Weidmuller	1514960000	Yes	Yes
J4, J10	2	PCB Plug, 2-poles	-	-	-	Weidmuller	1526460000	Yes	Yes
J2, J3, J8, J9	2	PCB Header, 3-poles	-	-	-	Weidmuller	1515060000	Yes	Yes
J2, J3, J8, J9	2	PCB Plug, 3-poles	-	-	-	Weidmuller	1526560000	Yes	Yes
U2, U4	2	3.5 mm PCB Jack Connector	-	-	-	CUI Inc	SJ-3515N	Yes	Yes
J1, J7	2	Pin Strip Header	-	-	-	Any	-	Yes	Yes
NA	7	Test Points, Red	-	-	-	Keystone	5000	Yes	Yes