



Bill of Materials for the NCP2890GEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
-	1	NCP2890 Audio Amplifier	-	-	-	On Semiconductor	NCP2890	No	Yes
R1	1	SMD Resistor	100 K Ohm	-	0805	Vishay-Draloric	D12CRCW Series	Yes	Yes
R2, R3	2	SMD Resistor	20 K Ohm	-	0805	Vishay-Draloric	CRCW0805 Series	Yes	Yes
C1	1	Ceramic Capacitor	1.0 μ F 16 V X7R	-	1206	Murata	GRM42-6X7R105K16	Yes	Yes
C2	1	Ceramic Capacitor	390nF 50 V Z5U	-	1812	Kemet	C1812C394M5UAC	Yes	Yes
C3	1	Ceramic Capacitor	1.0 μ F 16 V X7R	-	1206	Murata	GRM42-6X7R105K16	Yes	Yes
R4,C4	0	Not Mounted	-	-	-	-	-	Yes	Yes
J3	1	BNC Connector	-	-	-	Telegartner	JO1001A1948	Yes	Yes
J4,J5	2	I/O Connector. It can be plugged by BLZ.08/2 (Weidmuller Reference)	-	-	-	Weidmuller	SL5.08/2/90B	Yes	Yes