



# Bill of Materials for the NCP2892A Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
U1	1	Audio Power Amplifier with Fast Turn-On Time	1 W	-	9-pin Flip Chip	ON Semiconductor	NCP2892AFCT2G	No	Yes
R3	1	Chip Resistor	150 k $\Omega$ , 1/8 W	5%	0805	Panasonic	ERJ-6GEYJ154V	Yes	Yes
R1, R2	2	Chip Resistor	20 k $\Omega$ , 1/8 W	5%	0805	Panasonic	ERJ-6GEYJ203V	Yes	Yes
C3, C4	2	Ceramic Capacitor, X7R	1.0 $\mu$ F, 10 V	10%	0805	TDK	C2012X7R1A105K	Yes	Yes
C2	1	Ceramic Capacitor, X7R	47 nF, 100 V	10%	0805	TDK	C2012X7R2A473K	Yes	Yes
C1, TP1, J3	3	Not mounted	-	-	-	-	-	-	-
J8, J9, J12	3	Jumper Header Vertical Mount, 2 positions, 100mils	-	-	pitch 2.54 mm	Tyco Electronics / AMP	5-826629-0	Yes	Yes
J5, J11	2	I/O Connector, 2 positions	-	-	pitch 5.08 mm	Phoenix Contact	1757242	Yes	Yes
J7	1	Jumper Connector, 400 mils	-	-	pitch 10.16 mm	Harwin	D3082-B01	Yes	Yes