



Bill of Materials for the NCP2811AFCT Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
U3	1	NCP2811 Audio Amplifier	-	-	TSSOP14	ON Semiconductor	NCP2811AFCT1G	NO	YES
R1, R2, R3, R4	4	SMD Resistor	10 kΩ	5%	0603	Panasonic	ERJ-3GEYJ103V	YES	YES
C1, C2, C3, C4,	5	Ceramic Capacitor X5R	1 μF, 6.3 V	10%	0603	Murata	GRM185R60J105KA01	YES	YES
U2	1	Stereo Connector	-	-	-	CUI Inc.	SJ1-3515N	YES	YES
J16	1	Jumper Header Vertical Mount, 2 positions, 100 mils	-	-	100 Mils	Tyco Electronics / AMP	5-826629-0	YES	YES
J8, J15, J19	3	I/O Connector, 2 positions	-	-	200 Mils	Phoenix Contact	1757242	YES	YES
J18, J20	2	Jumper Connector	-	-	400 Mils	Harwin	D3082-B01	YES	YES
R5, J9, J10, J6, J17, C6, C7	7	Not Mounted	-	-	-	-	-	-	-
R6, R7	2	Shorted	-	-	0603	-	-	YES	YES
J11, J12	2	Shorted	-	-	-	-	-	-	Yes
J5, J13	2	2 Pin header	-	-	100 Mils	Molex	90120-0132	YES	YES