



Bill of Materials for the NCP2811BDTBR Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
U3	1	NCP2811 Audio Amplifier	-	-	TSSOP14	ON Semiconductor	NCP2811BDTBR2G	NO	YES
R1, R2, R3, R4	4	Do Not Populate	-	-	0603	-	-	-	-
C1, C2, C3, C4, C5	5	Ceramic Capacitor X5R	1 μ F, 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
J7, J14	2	Shorted	-	-	-	-	-	-	YES