

Bill of Materials for the NCP2990 Evaluation Board

ON Semiconductor



11/20/2006

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	RoHS Compliant
-	1	NCP2990 Audio Amplifier	NA	NA	9 pin flip chip	ON Semiconductor	NCP2990FCT2G	No	Yes
R1, R2	2	SMD Resistor	20 kΩ	5%	0805	Panasonic	ERJ-6GEYJ203V	Yes	Yes
R3	1	SMD Resistor	150 kΩ	5%	0805	Panasonic	ERJ-6GEYJ154V	Yes	Yes
C1	1	Ceramic Capacitor / X7R	100 nF / 100 V	10%	0805	TDK	C2012X7R2A104K	Yes	Yes
C3, C4	2	Ceramic Capacitor / X7R	1.0 μF / 10 V	10%	0805	TDK	C2012X7R1A105K	Yes	Yes
J2, J6, J8	3	Jumper Header Vertical, 2 positions	NA	NA	100 mils	Molex	90120-0160	Yes	Yes
J1, J5	2	I/O Connector, 2 positions	NA	NA	200 mils	Phoenix Contact	1757242	Yes	Yes
J7	1	Jumper Header Vertical, 2X1 positions	NA	NA	400 mils	Molex	90120-0160	Yes	Yes