

## Bill of Materials for NCP2892 Evaluation Board

ON Semiconductor



6/26/2006

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	NA	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
R2, R4	2	Chip Resistor	100 k $\Omega$ , 1/8 W	5%	0805	Panasonic	ERJ-6GEYJ104V	Yes	Yes
R1, R5	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
C1, C5	2	Ceramic Capacitor, X7R	0.1 $\mu$ F, 100 V	10%	0805	TDK	C2012X7R2A104K	Yes	Yes
C2, TP1	2	Not mounted	--	--	--	--	--	--	--
J8, J9	2	Jumper Header Vertical Mount, 2 positions, 100mils	NA	NA	pitch 2.54 mm	Tyco Electronics / AMP	5-826629-0	Yes	Yes
J5, J11	2	I/O Connector	NA	NA	pitch 5.08 mm	Weidmuller	1757242	Yes	Yes
J7	1	Jumper Connector, 400 mils	NA	NA	pitch 10.16 mm	Harwin	D3082-B01	Yes	Yes
J3	1	I/O Connector	NA	NA	NA	Phoenix Contact	MC 1.5/3-G (1844223)	Yes	Yes