



Bill of Materials for the NCS2553 Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
R1, R2, R3, R5, R6, R7	6	RES 75.0 OHM 1/8W 1% 0805 SMD	75 R	5%	805	Panasonic - ECG	ERJ-6ENF75R0V	Yes	Yes
C1, C2, C3, C9	4	CAP CER .10UF 16V Y5V 0603	0.1uF	10%	805	AVX	0603YG104ZAT2A	Yes	Yes
C8	1	CAP TANTALUM 10UF 16V 20% SMD	10uF	10%	1206	AVX	TAJC106M016RNJ	Yes	Yes
C5, C6, C7	3	CAPACITOR ALUM ELECT 220UF, 16V, RADIAL	220uF	20%	1206	Rubycon	16YK220M6.3X11	Yes	Yes
J1, J2, J3, J4, J5, J6	6	CONN BNC FEM JACK PC MNT STRGHT	-	-	BNC	Amphenol Connex	112404	Yes	Yes
J7	1	Deltron 4mm connector Red	-	-	Banana Supply	Deltron	571-0500	Yes	Yes
J8	1	Deltron 4mm connectors Black	-	-	Banana Supply	Deltron	571-0100	Yes	Yes
TP1	1	PCB Shorting Link	-	-	GND_Strap	Harwin	D3082-46	Yes	Yes
U1	1	NCS2553	-	-	SOIC8	ON Semiconductor	NCS2553DR2G	No	Yes
none	4	Standoff screw	-	-	n/a	Keystone Electronics	1903C	Yes	Yes
none	4	Standoff nut	-	-	n/a	Keystone Electronics	4814K-ND	Yes	Yes