



Bill of Materials for the NCS2564DTBGEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
C1, C2, C3, C4	4	CAP TANT 220UF 16V 10% SMD	220uF	5%	1206	Vishay/Sprague	591D227X9016R2T20H	Yes	Yes
C5, C6, C7, C8, C10	5	CAP CER .10UF 16V Y5V 0603	0.1uF	10%	0805	AVX	0603YG104ZAT2A	Yes	Yes
C9	1	CAP TANTALUM 10UF 16V 20% SMD	10uF	10%	1206	AVX	TAJC106M016RNJ	Yes	Yes
R1, R2, R3, R4,	8	RES 75.0 OHM 1/8W 1% 0805 SMD	75 R	5%	0805	Panasonic - ECG	ERJ-6ENF75R0V	Yes	Yes
R9, R10, R11	3	RES 0.0 OHM 1/8W 0805 SMD	0 ohms	-	0805	Panasonic - ECG	ERJ-6GEY0R00V	Yes	Yes
J9, J10, J11, J12, J13, J14, J15, J16	8	CONN BNC FEM JACK PC MNT STRGHT	-	-	BNC	Amphenol Connex	112404	Yes	Yes
J18,J22,J23	3	Jumpers	-	-	2.54mm	Tyco Electronics	4-881545-2	Yes	Yes
J18,J22,J23	3	50pin Modular 3pin header	-	-	Header3	Tyco Electronics	5-826629-0	Yes	Yes
J20	1	Deltron 4mm connectors Red	-	-	Banana Supply	Deltron	571-0500	Yes	Yes
J21	1	Deltron 4mm connectors Black	-	-	Banana Supply	Deltron	571-0100	Yes	Yes
U1	1	NCS2564	-	-	TSSOP14	ON Semiconductor	NCS2564DTBR2G	No	Yes
-	1	PCB Shorting Link	-	-	GND_Strap	Harwin	D3082-46	Yes	Yes
-	4	STANDOFF HEX .500"L 6-32THR NYL	-	-	Hole	Keystone Electronics	1903C	Yes	Yes
-	4	STANDOFF M/F HEX 6-32 NYL .250"L	-	-	Hole	Keystone Electronics	4814	Yes	Yes