



Bill of Materials for the NCP2823BGEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
U1	1	NCP2823	-	-	CSP-9 1.45mmx1.45mm	ON Semiconductor	NCP2823BFCT2G	No	Yes
C1,C2	2	Capacitor , Ceramic	100nF	10%	603	KEMET	C0603C104K5RAC	Yes	Yes
C4	2	Capacitor , Ceramic	4.7 μ F 6.3 V	10%	603	KEMET	C0603C475K9PAC	Yes	Yes
R1,R2	2	Resistor	150k	1%	603	Std	Any supplier possible	Yes	Yes
J11, J17	2	Mal. SL5.08/2/90B plus Fem. BLZ 5.08/2	-	-	-	Weidmuller	SL5.08/2/90 + BLZ 5.08/2	Yes	Yes
J1	3	Header 3 pin, 100 mil spacing	-	-	0.100 x 2	Std	Std	Yes	Yes
J7, J8	2	Header 2 pin, 100 mil spacing	-	-	0.100 x 2	Std	Std	Yes	Yes
J7	1	GND Connection	-	-	-	Std	Std	Yes	Yes
J2,J3, J9,J10, J12,13	9	Test Point	-	-	-	Std	Std	Yes	Yes
J31, J32	2	Soldering point must be connected	-	-	-	-	-	Yes	Yes
PCB	1	PCB 2.0 in x 2.0 in x 1.0 mm, 4 Layers	-	-	-	Any	TLS-P-001-A-1109-RD	Yes	Yes