



Bill of Materials for the NCV8412 [SOT-223] Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
C1	1	Capacitor	10n/50V	10%	0805	YAGEO	10nF_0805_50V_X7R	Yes	Yes
C2	1	Capacitor	100n/50V	10%	0805	YAGEO	100nF_0805_50V_X7R	Yes	Yes
J1, J3, J4, J5, J6	5	Connector	SPC15459			MULTICOMP	SPC15459	Yes	Yes
J2, J7, J9	3	Connector	5010			KEYSTONE	5010	Yes	Yes
J8, J12, J13	3	Connector	22-28-4360			Molex	22-28-4360	Yes	Yes
J10	1	Connector	TSW-104-07-G-S			Samtec	TSW-104-07-G-S	Yes	Yes
J11	1	Connector	160-1026-02-01-00			CAMBION	160-1026-02-01-00	Yes	Yes
Q1	1	Transistor	NCV8412		SOT-223	ON Semiconductor	NCV8412AST	No	Yes
R1	1	Resistor	10R/3W	5%	Axial	Vishay	AC03000001009JAC00	Yes	Yes
R2, R3	2	Resistor	100k/1/8W	1%	0805	Yageo	RC0805FR-07100KL	Yes	Yes