



Bill of Materials for the NCV68261 Demo Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
C1	1	Capacitor - footprint only	100u/63V	20%	Rad_5	Panasonic	EEUFR1J101B	Yes	Yes
C2, C5	2	Capacitor	4.7u/100V	10%	2220	TDK	CGA9N2X7R2A475K230KA	Yes	Yes
C3, C6	2	Capacitor	100n/50V	10%	0805	YAGEO	100nF_0805_50V_X7R	Yes	Yes
C4	1	Capacitor	1n/50V	10%	0805	YAGEO	1nF_0805_50V_X7R	Yes	Yes
J1, J2, J5, J6	4	Connector	SPC15459			MULTICOMP	SPC15459	Yes	Yes
J3, J4	2	Connector	TSW-104-07-G-S			Samtec	TSW-104-07-G-S	Yes	Yes
J7, J11	2	Connector	TSW-103-07-G-S			Samtec	TSW-103-07-G-S	Yes	Yes
J8, J9, J10	3	Connector	5010			KEYSTONE	5010	Yes	Yes
J12	1	Connector	TSW-105-07-G-S			Samtec	22-28-4360	Yes	Yes
Q1	1	Transistor - footprint only	NVMFD030N06C		LFPK-8	onsemi	NVMFD030N06C	Yes	Yes
Q2, Q3	2	Transistor - footprints only	NVMTS0D7N06CL		Power88	onsemi	NVMTS0D7N06CL	Yes	Yes
Q4, Q5	2	Transistor	NVTFS5C658NL		u8FL	onsemi	NVTFS5C658NL	Yes	Yes
Q6, Q7	2	Transistor - footprints only	NVMFS5C680NL		LFPK-8	onsemi	NVMFS5C680NL	Yes	Yes
R1, R2	2	Resistor	10R/1/8W	1%	0805	Yageo	RC0805FR-0710RL	Yes	Yes
R3	1	Resistor	3.3k/0.6W	1%	Axial	Vishay	MRS25000C3301FCT00	Yes	Yes
U1	1	IC	NCV68261		DFN-6	onsemi	NCV68261MTWAITBG	No	Yes