



Bill of Materials for the NCV308 Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
C1	1	Capacitor	100n/50V	10%	0805	YAGEO	100nF_0805_50V_X7R	Yes	Yes
Cd1	1	Capacitor	100p/50V	5%	0805	YAGEO	100pF_0805_50V_NP0	Yes	Yes
C3, Cd2	2	Capacitor	1n/50V	10%	0805	YAGEO	1nF_0805_50V_X7R	Yes	Yes
Cd3	1	Capacitor	1u/35V	10%	0805	Murata	GCM21BR7YA105KA55	Yes	Yes
J1, J2, J3, J4, J5, J6	6	Connector	22-28-4360			Molex	22-28-4360	Yes	Yes
R1, R2, R3, R4	4	Resistor	100k/1/8W	1%	0805	Yageo	RC0805FR-07100KL	Yes	Yes
U1	1	IC	NCV308		TSOP-6	ON Semiconductor	NCV308SN180	No	Yes