



Bill of Materials for the NV47710PDAJGEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
C_{in1}	1	Ceramic Capacitor	1 μ F, 50 V	$\pm 10 \%$	1210	Murata Electronics North America	GRM32RR71H105KA01L	Yes	Yes
C_{out1}	1	Ceramic Capacitor	22 μ F, 25 V	$\pm 20 \%$	1210	Murata Electronics North America	GRM32ER71E226ME15L	Yes	Yes
C_b	1	Ceramic Capacitor	68 pF, 50 V	± 0.5 pF	0805	Murata Electronics North America	GRM2165C1H680JZ01D	Yes	Yes
C_{CSO}	1	Ceramic Capacitor	1 μ F, 50 V	$\pm 10 \%$	1210	Murata Electronics North America	GRM32RR71H105KA01L	Yes	Yes
R_1	1	Resistor	47 k Ω	$\pm 0.5 \%$	0805	Yageo	RT0805DRD0747KL	Yes	Yes
R_2	1	Resistor	16 k Ω	$\pm 0.5 \%$	0805	Yageo	RT0805DRD0716KL	Yes	Yes
R_{CSO0}	1	Resistor	25.5 k Ω	$\pm 0.5 \%$	0805	Yageo	RT0805DRD0725K5L	Yes	Yes
R_{CSO1}	1	Resistor	1.5 k Ω	$\pm 0.5 \%$	0805	Yageo	RT0805DRD071K5L	Yes	Yes
R_{CSO2}	1	Resistor	750 Ω	$\pm 0.5 \%$	0805	Yageo	RT0805DRD07750RL	Yes	Yes
R_{CSO3}	DNP	Resistor	728 Ω to 25.5 k Ω	-	-	Do Not Populate	-	Yes	Yes
$J_1 - J_8$	8	Jumper, connector	-	-	-	Harwin	M20-8900405	Yes	Yes
U1	1	NCV47710	-	-	SO8-EP	ON Semiconductor	NCV47710PDAJR2G	No	Yes