



## Bill of Materials for the NV47700PDAJGEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
C <sub>in1</sub>	1	Ceramic Capacitor	1 $\mu$ F, 50 V	$\pm 10\%$	1210	Murata Electronics North America	GRM32RR71H105KA01L	YES	YES
C <sub>out1</sub>	1	Ceramic Capacitor	22 $\mu$ F, 25 V	$\pm 20\%$	1210	Murata Electronics North America	GRM32ER71E226ME15L	YES	YES
C <sub>b</sub>	1	Ceramic Capacitor	68 pF, 50 V	$\pm 0.5$ pF	0805	Murata Electronics North America	GRM2165C1H680JZ01D	YES	YES
C <sub>CSO</sub>	1	Ceramic Capacitor	1 $\mu$ F, 50 V	$\pm 10\%$	1210	Murata Electronics North America	GRM32RR71H105KA01L	YES	YES
R <sub>1</sub>	1	Resistor	47 k $\Omega$	$\pm 0.5\%$	0805	Yageo	RT0805DRD0747KL	YES	YES
R <sub>2</sub>	1	Resistor	16 k $\Omega$	$\pm 0.5\%$	0805	Yageo	RT0805DRD0716KL	YES	YES
R <sub>CSO0</sub>	1	Resistor	25.5 k $\Omega$	$\pm 0.5\%$	0805	Yageo	RT0805DRD0725K5L	YES	YES
R <sub>CSO1</sub>	1	Resistor	1.5 k $\Omega$	$\pm 0.5\%$	0805	Yageo	RT0805DRD071K5L	YES	YES
R <sub>CSO2</sub>	1	Resistor	750 $\Omega$	$\pm 0.5\%$	0805	Yageo	RT0805DRD07750RL	YES	YES
R <sub>CSO3</sub>	DNP	Resistor	728 $\Omega$ to 25.5 k $\Omega$	-	-	Do Not Populate		YES	YES
J <sub>1</sub> – J <sub>8</sub>	8	Jumper, connector	-	-	-	Harwin	M20-8900405	YES	YES
U1	1	NCV47700	-	-	SO8-EP	ON Semiconductor	NCV47700PDAJR2G	NO	YES