



Bill of Materials for the NV47701PDAJGEVB 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	\pm 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	NCV47701	-	-	SO8-EP	ON Semiconductor	NCV47701PDAJR2G	NO	YES