



Bill of Materials for the NIV6150MT2GEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
C1M0N,C0U11,C1N1	3		1uF/50V 0603			Taiyo Yuden	UMK107BJ105KA-T	Yes	Yes
C1N2,C0U22	2		56uF/35V			Nichicon	PCV1V560MCL1GS	Yes	Yes
D1	1		LED0603-YELLOW			Lite-On Inc	LTST-C191KSKT	Yes	Yes
LED0U1	1		LED0603-GREEN			Lite-On Inc	LTST-C191TGKT	Yes	Yes
All Test Points	9		TP-HOOK			Keystone Electronics	5002	Yes	Yes
JC0U22,JC1N2,J0U1P1U1S1H0R1T,J V1C_S1E1L	4		HDR-2			3M	961102-6404-AR	Yes	Yes
JG1N1D1,JG1N2D2,JV0u1,JVCC	4		BANANA JACK			Keystone Electronics	575-8	Yes	Yes
M1,M2	2		2N7002KT1G			ON Semiconductor	2N7002KT1G	No	Yes
R1M0N,R2	2		1k 0603			Panasonic	ERJ-3EKF1001V	Yes	Yes
RL1M1A1D1J	1		20 Ohm			Bourns Inc.	3214X-1-200E	Yes	Yes
RL1M1M1N	1		0 Ohm 0603			Panasonic	ERJ-3GEY0R00V	Yes	Yes
R1,R1LED0U1	2		10k 0603			Panasonic	ERJ-3EKF1002V	Yes	Yes
EN_SW	1		PB-SW			E-Switch	TL1105FF160Q	Yes	Yes
ZD0U1,ZD1N	2					ON Semiconductor	NIV6150MT2TXG	No	Yes
-	1		CON40			Sullins	EBC20DRTH	Yes	Yes