



Bill of Materials for the LV8400VEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
IC1	1	Motor Driver	-	-	SSOP16 (225mil)	ON Semiconductor	LV8400V	No	Yes
C1	1	VM Bypass capacitor	10 μ F, 50V	$\pm$ 20%	F2.0-5	SUN Electronic	50ME10HC	Yes	Yes
C2	1	VCC Bypass capacitor	0.1 μ F, 100V	$\pm$ 10%	1608	Murata	GRM188R72A104KA35D	Yes	Yes
R1	1	Sense resistor	39 Ω , 1W	$\pm$ 5%	1608	KOA	RK73B1JT390J	Yes	Yes
LED	1	-	-	-	-	(Do Not Populate)		Yes	Yes
SW1-SW4	4	Switch	-	-	-	MIYAMA	MS-621-A01	Yes	Yes
TP1-TP8	8	Test points	-	-	-	MAC8	ST-1-3	Yes	Yes