



Bill of Materials for the LV8402GPEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
IC1	1	Motor Driver	-	-	VCT24 (3.5x3.5)	ON Semiconductor	LV8402GP	No	Yes
C1	1	VM Bypass Capacitor	10uF, 50V	±20%	F2.0-5	SUN Electronic	50ME10HC	Yes	Yes
C3	1	VCC Bypass Capacitor	0.1uF, 100V	±10%	1608	Murata	GRM188R72A104KA35D	Yes	Yes
C4	1	Charge pump Capacitor1	0.1uF, 100V	±10%	1608	Murata	GRM188R72A104KA35D	Yes	Yes
C5	1	Charge pump Capacitor2	0.01uF, 100V	±10%	0603	Murata	GRM188B11H103K	Yes	Yes
SW1-SW4	4	Switch	-	-	-	MIYAMA	MS-621C-A01	Yes	Yes
TP1-TP11	14	Test points	-	-	-	MAC8	ST-1-3	Yes	Yes