



Bill of Materials for the LB1838MEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
IC1	1	Motor Driver	-	-	MFP14S	ON Semiconductor	LB1838M	No	Yes
C1	1	VCC Bypass capacitor	1μF 50V	± 10%	1.6 mm × 0.8 mm × 0.8 mm	KOA	GRM188B11A105K	Yes	Yes
C2	1	Vs Bypass capacitor	0.1μF 100V	± 10%	0603	Murata	GRM188R72A104KA35D	Yes	Yes
SW1-SW4	4	Switch	-	-	-	Miyama	MS-621-A01	Yes	Yes
TP1-TP11	14	Test points	-	-	-	MAC8	ST-1-3	Yes	Yes