



Bill of Materials for the LV8761VGEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
C1	1	Capacitor for Charge pump	0.1μF, 100V	±10%	1608	Murata	GRM188R72A104KA35*	Yes	Yes
C2	1	Capacitor for Charge pump	0.1μF, 100V	±10%	1608	Murata	GRM188R72A104KA35*	Yes	Yes
C3	1	REG5-out stabilization Capacitor	0.1μF, 100V	±10%	1608	Murata	GRM188R72A104KA35*	Yes	Yes
C4	1	VREF stabilization Capacitor	0.1μF, 100V	±10%	1608	Murata	GRM188R72A104KA35*	Yes	Yes
C5	1	Capacitor to set SCP timer	100pF, 50V	±5%	1608	Murata	GRM1882C1H101JA01*	Yes	Yes
C6	1	VCC Bypass Capacitor	0.1μF, 100V	±10%	1608	Murata	GRM188R72A104KA35*	Yes	Yes
C7	1	VM Bypass Capacitor	10μF, 50V	±20%	F2.0-5	SUN Electronic Industries	50ME10HC	Yes	Yes
R1	1	Output current detective Resistor	0.22Ω, 1W	±5%	6432 (2512)	ROHM	MCR100JZHJLR22	Yes	Yes
R2	1	Pull-up Resistor for terminal EMOT	47kΩ, 1/10W	±5%	0603	KOA	RK73B1JT**473J	Yes	Yes
IC1	1	Motor Driver	-	-	SSOP36J (275mil)	ON Semiconductor	LV8761V	No	Yes
SW1-SW4	4	Switch	-	-	-	MIYAMA ELECTRIC	MS-621C-A01	Yes	Yes
TP1-TP15	15	Test Point	-	-	-	MAC8	ST-1-3	Yes	Yes