



Bill of Materials for the LV8760TGEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
C1	1	Capacitor for Charge pump	0.1 μ F, 50V	\pm 10%	4 mm x 2.5 mm	TDK	FK28X7R1H104K	Yes	Yes
C2	1	Capacitor for Charge pump	0.1 μ F, 50V	\pm 10%	4 mm x 2.5 mm	TDK	FK28X7R1H104K	Yes	Yes
C3	1	REG5-out stabilization Capacitor	0.1 μ F, 50V	\pm 10%	4 mm x 2.5 mm	TDK	FK28X7R1H104K	Yes	Yes
C4	1	VREF stabilization Capacitor	0.1 μ F, 50V	\pm 10%	4 mm x 2.5 mm	TDK	FK28X7R1H104K	Yes	Yes
C5	1	Capacitor to set SCP timer	100pF, 50V	\pm 5%	4 mm x 2.5 mm	TDK	FK28COG1H101J	Yes	Yes
C6	1	VCC Bypass Capacitor	0.1 μ F, 50V	\pm 10%	4 mm x 2.5 mm	TDK	FK28X7R1H104K	Yes	Yes
C7	1	VM Bypass Capacitor	10 μ F, 50V	\pm 20%	F2.0-5	SUN Electronic Industries	50ME10HC	Yes	Yes
R1	1	Output current detective Resistor	0.22 Ω , 2W	\pm 5%	4.2 mm x 11 mm	Stackpole Electronics	RSMF2JTR220	Yes	Yes
IC1	1	Motor Driver	-	-	TSSOP20J (225mil)	ON Semiconductor	LV8760T	No	Yes
SW1-SW3	3	Switch	-	-	-	MIYAMA ELECTRIC	MS-621C-A01	Yes	Yes
TP1-TP13	13	Test Point	-	-	-	MAC8	ST-1-3	Yes	Yes