



## Bill of Materials for the LV8805SVGEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
<b>IC1</b>	<b>1</b>	<b>Motor Driver</b>	-	-	<b>SSOP20J</b>	<b>ON Semiconductor</b>	<b>LV8805SV</b>	<b>No</b>	<b>Yes</b>
C1	1	VCC Bypass Capacitor	10 $\mu$ F 25V	$\pm$ 10%	1210	Murata	GRM32DR71E106KA12	Yes	Yes
C4,C5,C9	3	Capacitor	1 $\mu$ F	$\pm$ 10%	0805	Murata	GRM21BR11E105KA99	Yes	Yes
C2,C3	2	Capacitor	0.1 $\mu$ F	$\pm$ 10%	0603	Murata	GRM188R11E104KA01D	Yes	Yes
C7	1	Capacitor	1000pF	$\pm$ 10%	0603	Murata	GRM188R11E102KA01	Yes	Yes
C8	1	Capacitor	0.01 $\mu$ F	$\pm$ 10%	0805	Murata	GRM2192C1H103JA01D	Yes	Yes
R1	4	Resistor	1 $\Omega$	$\pm$ 5%	0805	ROHM	MCR10EZHL1R00	Yes	Yes
R2,R3,R6	3	Resistor	1k $\Omega$	$\pm$ 5%	0603	ROHM	RK73B1JT102J	Yes	Yes
R4,R5	2	Resistor	10k $\Omega$	$\pm$ 5%	0603	ROHM	RK73B1JT103J	Yes	Yes
SW1-SW4	1	Switch	-	-	-	MIYAMA	MS-621-A01	Yes	Yes
TP1-TP12	9	Test points	-	-	-	MAC8	ST-1-3	Yes	Yes
D2	1	Zener Diode	10 $\Omega$ , 16V	$\pm$ 5%	DO-214AC	ON Semiconductor	1SMA5930BT3G	No	Yes