

# Bill of Materials

TI DESIGNS TIDA-00525

Item	Qty	Reference	Value	Part Description	Manufacturer	Manufacturer Part Number	Alternate Part	PCB Footprint	Note
1	2	C1,C2	0.1uF	CAP, CERM, 0.1 $\mu$ F, 50 V, +/- 10%, X7R, 0603	TDK	C1608X7R1H104K	445-1314-1-ND	0603	
2	1	C3	10uF	CAP, CERM, 10 $\mu$ F, 25 V, +/- 20%, X5R, 0603	Murata	GRM188R61E106MA73	490-7202-1-ND	0603	
3	1	C4	10uF	CAP, CERM, 10 $\mu$ F, 10 V, +/- 20%, X5R, 0603	Murata	GRM188R61A106ME69	490-10475-1-ND	0603	
4	2	C5,C6	1uF	CAP, CERM, 1 $\mu$ F, 6.3 V, +/- 10%, X7R, 0603	Murata	GRM188R70J105KA01D	490-3898-1-ND	0603	
5	1	R1	39.5E	RES, 39, 5%, 0.25 W, 1206	Vishay-dale	CRCW120639R0JNEA	541-39ECT-ND	1206	
6	1	R2	4.99K	RES, 4.99 k, 1%, 0.1 W, 0603	Vishay-dale	CRCW06034K99FKEA	541-4.99KHCT-ND	0603	
7	2	R4,R5	0.0E	RES, 0 ohm, 5%, 0.1W, 0603	Vishay-dale	CRCW06030000Z0EA	541-0.0GCT-ND	0603	
8	2	R3,R6	0.0E	RES, 0 ohm, 5%, 0.1W, 0603	Vishay-dale	CRCW06030000Z0EA	541-0.0GCT-ND	0603	DNP
9	1	U1	-	12V/1.5Amp, 3-phase sensor-less BLDC motor control IC	Texas Instruments	DRV10975ZPWPR	DRV10975ZPWPR-ND	24HTSSOP	

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