

Variant: 001
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 TID #: TIDA-01223



TIDA-01223 REV E1 Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	IPCB	1		TIDA-01223	Any	Printed Circuit Board	
2	C2	1	0.1uF	08055C104JAT2A	AVX	CAP, CERM, 0.1 μ F, 50 V, +/- 5%, X7R, 0805	0805
3	C3	1	0.1uF	06035C104KAT2A	AVX	CAP, CERM, 0.1 μ F, 50 V, +/- 10%, X7R, 0603	0603
4	C4, C5	2	1uF	C1608X5R1E105K080AC	TDK	CAP, CERM, 1 μ F, 25 V, +/- 10%, X5R, 0603	0603
5	C6	1	10uF	C1608X5R1A106M080AC	TDK	CAP, CERM, 10 μ F, 10 V, +/- 20%, X5R, 0603	0603
6	C9	1	4.7uF	C1608X5R1V475K080AC	TDK	CAP, CERM, 4.7 μ F, 35 V, +/- 10%, X5R, 0603	0603
7	J1	1		TSM-103-01-L-SV	Samtec	Header, 100mil, 3x1, Gold, SMT	Samtec_TSM-103-01-X-SV
8	J2	1		B4B-PH-SM4-TB(LF)(SN)	JST Manufacturing	Header(shrouded), 2mm, 4x1, Tin, Natural, SMT	Header(shrouded), 2mm, 4x1, SMT
9	L1	1	47uH	CB2518T470K	Taiyo Yuden	Inductor, Wirewound, Ferrite, 47uH, 0.11A, 1.235 ohm, SMD	2.5x1.8x1.8mm
10	R1	1	4.75	CRCW08054R75FKEA	Vishay-Dale	RES, 4.75, 1%, 0.125 W, 0805	0805
11	R2, R3, R5, R6	4	4.75k	CRCW06034K75FKEA	Vishay-Dale	RES, 4.75 k, 1%, 0.1 W, 0603	0603
12	U1	1		DRV10983PWP	Texas Instruments	12- to 24-V, Three-Phase, Sensorless BLDC Motor Driver, PWP0024B	PWP0024B
13	C7, C8	0	22uF	C2012X5R1V226M125AC	TDK	CAP, CERM, 22 μ F, 35 V, +/- 20%, X5R, 0805	0805
14	FID1, FID2, FID3	0		N/A	N/A	Fiducial mark. There is nothing to buy or mount.	Fiducial

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