

Variant: 001
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 TID #: TIDA-00919



TIDA-00919 REV E1 Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	!PCB1	1		TIDA-00919	Any	Printed Circuit Board	
2	1, 2, 3	3		N/A	N/A	Fiducial mark. There is nothing to buy or mount.	Fiducial
3	C1	1	10uF	C3225X7R1H106M250AC	TDK	CAP, CERM, 10 μ F, 50 V, +/- 20%, X7R, 1210	1210
4	C2	1	1uF	C3216X7R1E105K085AA	TDK	CAP, CERM, 1 μ F, 25 V, +/- 10%, X7R, 1206	1206
5	C3, C4, C5	3	0.1uF	C0603C104M4RACTU	Kemet	CAP, CERM, 0.1 μ F, 16 V, +/- 20%, X7R, 0603	0603
6	C6	1	2.2uF	C0603C225K8PACTU	Kemet	CAP, CERM, 2.2 μ F, 10 V, +/- 10%, X5R, 0603	0603
7	C7	1	0.1uF	CC0805KRX7R8BB104	Yageo America	CAP, CERM, 0.1 μ F, 25 V, +/- 10%, X7R, 0805	0805
8	C8	1	0.1uF	06033C104KAT2A	AVX	CAP, CERM, 0.1 μ F, 25 V, +/- 10%, X7R, 0603	0603
9	R1, R2, R5, R9, R10, R11, R12	7	10k	CRCW060310K0JNEA	Vishay-Dale	RES, 10 k, 5%, 0.1 W, 0603	0603
10	R3, R6, R7, R8	4	10k	CRCW120610K0JNEA	Vishay-Dale	RES, 10 k, 5%, 0.25 W, 1206	1206
11	R4	1	24.0k	RT0805BRD0724KL	Yageo America	RES, 24.0 k, 0.1%, 0.125 W, 0805	0805
12	R13	1	0	CRCW08050000Z0EA	Vishay-Dale	RES, 0, 5%, 0.125 W, 0805	0805
13	U1	1		DRV10970PWP	Texas Instruments	3-Phase Brushless DC Motor Driver, PWP0024D	PWP0024D
14	U2, U3, U4	3		DRV5013ADQLPGM	Texas Instruments	Digital-Latch Hall Effect Sensor, LPG0003A	LPG0003A

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