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TIDA-01357 REV E1 Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	PCB	1		TIDA-01357	Any	Printed Circuit Board	
2	C100, C104	2	0.047uF	GCM21BR72A473KA37L	MuRata	CAP, CERM, 0.047 µF, 100 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0805	0805
3	C101, C200, C204, C205, C206, C207, C208	7	0.1uF	GCM21BR71H104KA37K	MuRata	CAP, CERM, 0.1 µF, 50 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0805	0805
4	C102	1	1uF	GCM31MR71H105KA55L	MuRata	CAP, CERM, 1 µF, 50 V, +/- 10%, X7R, AEC-Q200 Grade 1, 1206	1206
5	C103	1	10uF	CGA5L3X5R1H106K160AB	TDK	CAP, CERM, 10 µF, 50 V, +/- 10%, X5R, 1206_190	1206_190
6	C201, C202, C203	3	100uF	EEEFTH101XAP	Panasonic	CAP, AL, 100 µF, 50 V, +/- 20%, 0.34 ohm, AEC-Q200 Grade 2, SMD	D6.3xL7.7mm
7	C209, C210, C211	3	0.01uF	GCM188R71H103KA37D	MuRata	CAP, CERM, 0.01 µF, 50 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0603	0603
8	C212, C213, C214	3	0.1uF	GCM188R71C104KA37J	MuRata	CAP, CERM, 0.1 µF, 16 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0603	0603
9	C215, C216, C217	3	0.47uF	GCM188R71C474KA55D	MuRata	CAP, CERM, 0.47 µF, 16 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0603	0603
10	D100	1	100V	SS3H10HE3_A/I	Vishay-Siliconix	Diode, Schottky, 100 V, 3 A, AEC-Q101, SMC	SMC
11	D101	1	26V	TPSMD26A	Littelfuse	Diode, TVS, Uni, 26 V, 42.1 Vc, AEC-Q101, SMC	SMC
12	J100	1		1727010	Phoenix Contact	Conn Term Block, 2POS, 3.81mm, TH	2POS Terminal Block
13	J200, J201, J202	3		1725672	Phoenix Contact	Terminal Block, 4x1, 2.54 mm, Green, TH	Terminal Block, 4x1, 2.54 mm, TH
14	J300, J301	2		66953-010LF	FCI	Receptacle, 100mil, 10X2, Tin, TH	Receptacle, 100mil, 10x2, TH
15	LBL1	1		THT-14-423-10	Brady	Thermal Transfer Printable Labels, 0.650" W x 0.200" H - 10,000 per roll	PCB Label 0.650"H x 0.200"W
16	R200, R201, R202	3	1.0Meg	CRCW06031M00JNEA	Vishay-Dale	RES, 1.0 M, 5%, 0.1 W, 0603	0603
17	R203, R204, R205, R206, R207, R208	6	10.0k	CRCW060310K0FKEA	Vishay-Dale	RES, 10.0 k, 1%, 0.1 W, 0603	0603
18	R209, R210, R211, R218, R219, R220	6	0.3	CSR2010JTR300	Stackpole Electronics Inc	RES, 0.3, 5%, 1 W, 2010	2010
19	R212, R213, R214, R215, R216, R217, R221, R222, R223	9	5.76k	ERA-3AEB5761V	Panasonic	RES, 5.76 k, 0.1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
20	U200, U201, U202	3		DRV8802QPWPRQ1	Texas Instruments	AUTOMOTIVE DC MOTOR DRIVER IC, PWP0028H (TSSOP-28)	PWP0028H
21	FID1, FID2, FID3	0		N/A	N/A	Fiducial mark. There is nothing to buy or mount.	Fiducial

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