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TIDA-01228 REV E2 Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	!PCB1	1		TIDA-01228	Any	Printed Circuit Board	
2	C1, C2	2	0.047uF	GRM155R61A473KA01D	MuRata	CAP, CERM, 0.047 uF, 10 V, +/- 10%, X5R, 0402	0402
3	C3, C4, C5, C6	4	100pF	GRM1555C1H101JA01D	MuRata	CAP, CERM, 100 pF, 50 V, +/- 5%, COG/NPO, 0402	0402
4	J17	1		PEC04SAAN	Sullins Connector Solutions	Header, 100mil, 4x1, Tin, TH	Header, 4x1, 100mil, TH
5	J21	1		PEC05SAAN	Sullins Connector Solutions	Header, 2.54mm, 5x1, Tin, TH	Header, 2.54mm, 5x1, TH
6	L3, L4	2	235uH	GT1128-0	Gemphil Technologies	Inductor, 235uH, TH	D5.7mm
7	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
8	Q1, Q2	2	-12V	CSD23285F5	Texas Instruments	MOSFET, P-CH, -12 V, -3.3 A, YJK0003A (PICOSTAR-3)	YJK0003A
9	R1, R2	2	1.0Meg	CRCW04021M00JNED	Vishay-Dale	RES, 1.0 M, 5%, 0.063 W, 0402	0402
10	C7	0	0.047uF	GRM155R61A473KA01D	MuRata	CAP, CERM, 0.047 uF, 10 V, +/- 10%, X5R, 0402	0402
11	C8, C10, C12	0	3300pF	GRM155R71H332KA01D	MuRata	CAP, CERM, 3300 pF, 50 V, +/- 10%, X7R, 0402	0402
12	C9, C11	0	100pF	GRM1555C1H101JA01D	MuRata	CAP, CERM, 100 pF, 50 V, +/- 5%, COG/NPO, 0402	0402
13	FID1, FID2, FID3	0		N/A	N/A	Fiducial mark. There is nothing to buy or mount.	Fiducial
14	L1, L2, L6	0	200uH	BV1935	HORST DAVID GmbH	Inductor, Wirewound, 200 uH, 1.9 ohm, SMD	D5.7xH4.7mm
15	L5	0	235uH	GT1128-0	Gemphil Technologies	Inductor, 235uH, TH	D5.7mm
16	Q3	0	-12V	CSD23285F5	Texas Instruments	MOSFET, P-CH, -12 V, -3.3 A, YJK0003A (PICOSTAR-3)	YJK0003A
17	R3, R4, R7, R9	0	1.0Meg	CRCW04021M00JNED	Vishay-Dale	RES, 1.0 M, 5%, 0.063 W, 0402	0402
18	R5, R6, R18, R22, R23, R24	0	0	CRCW04020000Z0ED	Vishay-Dale	RES, 0, 5%, 0.063 W, 0402	0402
19	R8, R10, R21	0	1.2Meg	CRCW04021M20JNED	Vishay-Dale	RES, 1.2 M, 5%, 0.063 W, 0402	0402
20	R13, R17	0	dnp	CRCW04020000Z0ED	Vishay-Dale	RES, 0, 5%, 0.063 W, 0402	0402

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