

Filename: ProE896.tmp  
 Variant: 001  
 Generated: 10/26/2017 1:14:06 PM  
 TID #: N/A

### TIDA-01521 REV A Bill of Materials



Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	PCB1	1		TIDA-01521	Any	Printed Circuit Board	
2	C1, C6	2	2.2uF	C3225X5R1H225K250AB	TDK	CAP, CERM, 2.2 $\mu$ F, 50 V, +/- 10%, X5R, 1210	1210
3	C2, C3, C4, C5, C7, C8, C9, C10, C11	9	0.01uF	GRM1885C1H103JA01D	MuRata	CAP, CERM, 0.01 $\mu$ F, 50 V, +/- 5%, COG/NPO, 0603	0603
4	D1, D5	2	40V	VS-10BQ040HM3/5BT	Vishay-Semiconductor	Diode, Schottky, 40 V, 1 A, AEC-Q101, SMB	SMB
5	D2, D6	2	36V	SMCJ36CA	Littelfuse	Diode, TVS, Bi, 36 V, 58.1 Vc, SMC	SMC
6	D3, D4	2	White	LUW H9GP.CE-KYLY-EMKM-1-Z	OSRAM	LED, Cool White, SMD	3.85x3.85mm
7	D7, D8, D9, D10	4	Red	VLMR334BACB-GS08	Vishay-Semiconductor	LED, Red, SMD	3x2.8mm
8	J1	1		TSW-103-07-T-S	Samtec	Header, 2.54 mm, 3x1, Tin, TH	Header, 2.54 mm, 3x1, TH
9	R1, R2	2	0.82	ERJ-6RQFR82V	Panasonic	RES, 0.82, 1%, 0.125 W, 0805	0805
10	R3	1	1.1	CRCW08051R10JNEA	Vishay-Dale	RES, 1.1, 5%, 0.125 W, 0805	0805
11	U1, U2, U3	3		TPS92610QPWPRQ1	Texas Instruments	LED Driver, PWP0014E (TSSOP-14)	PWP0014E

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