

# Bill of Materials

TI DESIGNS

TIDA-00866

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference	Footprint
R2	1	10k	CRCW120610K0JNEA	Vishay-Dale	RES, 10 k, 5%, 0.25 W, 1206	1206	1206
U1	1		TPS1H100BQPWPRQ1	Texas Instruments	TPS1H100-Q1 Single Channel Smart High Side Driver, PWP0014C	PWP0014C	PWP0014C_N
D2	1	5.6V	DFLZ5V6-7	Diodes Inc.	Diode, Zener, 5.6 V, 1 W, PowerDI123	PowerDI123	powerDI123
D1	1	50V	B350A-13-F	Diodes Inc.	Diode, Schottky, 50 V, 3 A, SMA	SMA	SMA
C1	1	0.1uF	GRM188R71H104KA93D	MuRata	CAP, CERM, 0.1uF, 50V, +/-10%, X7R, 0603	0603	0603
R1, R3	2	1.00k	CRCW08051K00FKEA	Vishay-Dale	RES, 1.00 k, 1%, 0.125 W, 0805	0805	0805_HV
FID1, FID2, FID3	3		N/A	N/A	Fiducial mark. There is nothing to buy or mount.	Fiducial	Fiducial10-20
C2, C3, C4, C5	4	470uF	63ZLH470M12.5X25	Rubycon	CAP, AL, 470 $\mu$ F, 63 V, +/-20%, 0.043 ohm, TH	12.5x25mm	ZLH_1250x2500

H1, H2, H3, H4	4		NY PMS 440 0025 PH	B&F Fastener Supply	Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead	Screw	NY PMS 440 0025 PH
H5, H6, H7, H8	4		1902C	Keystone	Standoff, Hex, 0.5"L #4-40 Nylon	Standoff	Keystone_1902C
CS_IO, GND_IO, OUT_IO, Vpower_IO	4	Double	1502-2	Keystone	Terminal, Turret, TH, Double	Keystone1502-2	Keystone1502-2

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