

Bill of Materials

TI DESIGNS

TIDA-00597

Item	Qty	Reference	Value	Part Description	Manufacturer	Manufacturer Part Number	PCB Footprint	Note
1	1	Css	0.1uF	CAP, CERM, 0.1 μ F, 16 V, +/- 10%, X7R, 0603	Kemet	C0603C104K4RACTU	0603	
2	1	C2	1uF	CAP, CERM, 1 μ F, 10 V, +/- 10%, X5R, 0603	Kemet	C0603C105K8PACTU	0603	
3	1	Cff	2200pF	CAP, CERM, 2200 pF, 50 V, +/- 10%, X7R, 0603	Kemet	C0603C222K5RACTU	0603	
4	1	Cin	4.7uF	CAP, CERM, 4.7 μ F, 10 V, +/- 10%, X5R, 0603	Kemet	C0603C475K8PACTU	0603	
5	1	C1	10uF	CAP, CERM, 10 μ F, 10 V, +/- 10%, X5R, 0805	Kemet	C0805C106K8PACTU	0805_HV	
6	1	R1	2.00k	RES, 2.00 k, 1%, 0.1 W, 0603	Vishay-Dale	CRCW06032K00FKEA	0603	
7	1	R3	51k	RES, 51 k, 5%, 0.1 W, 0603	Vishay-Dale	CRCW060351K0JNEA	0603	
8	1	R2	866	RES, 866, 1%, 0.1 W, 0603	Vishay-Dale	CRCW0603866RFKEA	0603	
9	2	J1, J2		Terminal Block, 6A, 3.5mm Pitch, 2-Pos, TH	On-Shore Technology	ED555/2DS	TERM_BLK_ED555-2DS	
11	1	U1		Micropower 800mA Low Noise Ceramic Stable Adjustable Voltage Regulator for 1V to 5V Applications, 8-pin PSOP, Pb-Free	Texas Instruments	LP3878MR-ADJ/NOPB	MRA08A_N	
12	1	!PCB		Printed Circuit Board	Any	TIDA-00597		

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