

# Bill of Materials

TI DESIGNS  
PMP8878

Item	Qty	Referen	VALUE	PCB DECAL
1	3	C6,C24,45	47pF	0402C
2	1	C25	1000p	0402C
3	2	C26,31	0.01uF	0402C
4	1	C33	100pF	0402C
5	2	C34,41	1u	0402C
6	3	C32,35,44	0.1u	0402C
7	1	C46	270pf	0402C
8	1	C52	390p	0402C
9	1	C53	33pf	0402C
10	1	C55	0.01u	0402C
11	6	R2,4,6,8,9,10	10K	402
12	2	R11,22	10	402
13	2	R12,16	1.91K	402
14	3	R17,18,27	100K	402
15	1	R24	0	402
16	2	R25,26	5.11k	402
17	1	R28	20.5k	402
18	1	R29	178k	402
19	1	R30	68k	402
20	1	R31	1K	402
21	1	R38	75k	402
22	1	R42	1k	402
23	1	R44	560	805
24	1	R45	3.01k	402
25	1	R46	432k	402

Item	Qty	Referen	VALUE	PCB DECAL
26	1	R48	66.5k	402
27	1	R49	140k	402
28	1	R50	20k	402
29	1	R51	9.09k	402
30	1	R53	20.5k	402
31	1	R54	180k	402
32	1	R55	2.4k	402
33	1	R56	32k	402
34	1	R57	100k	402
35	1	R60	0.75	402
36	1	R61	3.83k	402
37	1	R63	3.3K	402
38	3	C7,10,37	0.1uF	0603C
39	3	C8,9,19	1uF	0603C
40	2	C17,18	47pF	0603C
41	2	C21,22	0.1uF	0603C
42	1	C51	1uF	0603C
43	2	C27,29	4.7uF	0805C
44	1	C28	2.2uF	0805C
45	2	R13,14	51.1	0805R
46	1	C47	680pF	1206C
47	4	C1,2,3,4	2.2uF	1210C
48	4	C11,12,13,14	47uF	1210C
49	1	U9	LM4041D1M3	SC70-5
50	1	U3	UCC27324	MSOP-8
51	1	L1	220nH	30-00144-I
52	1	U4	ISO7220CF	SO-8
53	1	U6	UCC28250	PQFP20(RGP
54	1	VOUT+	Pin 0.060"	77-00104
55	1	VOUT-	Pin 0.060"	77-00104
56	1	ON/OFF	Pin 0.040"	77-00103B
57	1	PGND	Pin 0.040"	77-00103B
58	1	VIN	Pin 0.040"	77-00103B
59	1	C40	220p	0402C
60	1	C54	0.01u	0402C
61	1	D1	CMOD4448	SOD-523

Item	Qty	Referen	VALUE	PCB DECAL
62	1	D11	CMOD4448	SOD-523
63	1	L3	coilcraft	IND_COIL_1
64	1	U5	OPA365DBV	SOT23-5P
65	1	U1	UCC27201	QFN-8
66	1	U2	UCC27201	QFN-8
67	1	R3	1.87k	0402R
68	1	R5	150k NTC	0402R
69	1	R21	100k	0402R
70	1	R23	5k	0402R
71	1	R40	90.9k	402
72	1	R58	5k	402
73	1	R59	22.1k	402
74	2	L2	N87 cores	one with gap
75	2	T2	3C97 cores	no gap
76	4	Q5,6,7,8	FDMS86101	SO8-PWP
77	1	D2	BAT46W	SOD-123
78	1	D10	5.1V	SOD-323A
79	1	U10	TPS76201	SOT-235
80	1	ADJ	Pin 0.040"	77-00103B
81	1	VSNS+	Pin 0.040"	77-00103B
82	1	VSNS-	Pin 0.040"	77-00103B
83	4	Q1,2,3,4	sis892	MICROFET_3
84	1	U11	UCC25230	SON-DRM-8

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