

## 06-PMP4305\_REVA BOM

Item	Qty	Reference	Value	Description	Size	Part Number	MFR
1	2	C13,14	0.1uf	CAP .10UF 305VAC EMI SUPPRESSION	6*12*13	B32921C3104M	EPCOS
2	4	C1,C12,C18	0.1uf	CAP, CER 0.1UF 25V X7R RAD	0603	RDER71E104K0K1C03B	Murata
3	1	C24	22nf	<b>CAP CER 22000PF 50V 10% X7R 0603</b>	0603	GRM188R71H223KA01D	Murata
4	1	C3	1nF	CAP, CER 1NF 16V 10% X7R 0603	0603	GRM033R71C102KD01D	Murata
5	1	C23	NA				
6	1	C10	1nf	CAP CER 1000PF 250V 10% X7R 0805	0805	GRM21AR72E102KW01D	Murata
7	1	C8	1uF	CAP CER 1.0UF 10V 10% X7R 0805	0805	GRM21BR71A105KA01L	Murata
8	2	C4,C5	470pF	CAP CER 470PF 250V X7R 0805	0805	C0805C471KARACTU	Kemet
9	1	C7	NA	CAP 680PF 200V CERAMIC X7R 0805	0805	ECJ-2VB2D681K	Panasonic - ECG
10	1	C15	10uf	CAP CER 10UF 16V 20% X7R 1210	1210	GRM32DR71C106MA01L	Murata
11	2	C6,C11	470uf	CAP, Aluminum, 6.3V 470uf, 20%	6.3*11	EGS477M0JE11RR	Samxon
12	2	C2,C9	10uf	CAP, Aluminum, 400V 10uf, 20%	10*20	EGS106M2GG16RR	Samxon
13	1	D4	BAS21	DIODE SWITCH 200V 250MW SOT23-3	SOT23	BAS21	Diodes
14	1	D3	HD06	RECT BRIDGE GP 600V 0.8A MINIDIP	4-SMD	HD06	Diodes
15	1	D2	DFLR1600-7	DIODE STD REC 1A 600V POWERDI123	PowerDI™ 123	DFLR1600-7	Diodes
16	1	ZD2	BZT52C15	Diode, Zener, 15V, 5-mA	SOD123	BZT52C15	Diodes
17	1	ZD1	BZT52C5V1-7-F	DIODE ZENER 5.1V 500MW SOD-123	SOD123	BZT52C5V1-7-F	Diodes
18	1	D1	ZHCS400	DIODE SCHOTTKY 40V 0.4A SOD-323	SOD323	ZHCS400	Diodes
19	1	U4	TCMT1107	OPTOCPL PHOTOTRANS 1CH 160% 4SOP	4-SOP	TCMT1107	Vishay
20	1	L1	38mH	Common choke 38mH			
21	1	F1	0876.630MXEP	FUSE 3.6X10 FAST IEC .630A AXL		0876.630MXEP	littlefuse
22	1	J2	PMP4305USB				
23	1	C11(470p)	ECK-ANA471MB	CAP 470PF 250VAC CERAMIC Y1/X1		ECK-ANA471MB	Panasonic - ECG
24	1	R23	10	Resistor, Chip, 1/10W, 1%	0603	std	std
25	1	R15	100k	Resistor, Chip, 1/10W, 1%	0603	std	std
26	1	R38	220K	Resistor, Chip, 1/10W, 1%	0603	std	std
27	1	R17	12k	Resistor, Chip, 1/10W, 1%	0603	std	std
28	1	R16	15k	Resistor, Chip, 1/10W, 1%	0603	std	std
29	1	R10	160k	Resistor, Chip, 1/10W, 1%	0603	std	std
30	1	R37	1.5K	Resistor, Chip, 1/10W, 1%	0603	std	std
31	1	R14	20k	Resistor, Chip, 1/10W, 1%	0603	std	std
32	1	R12	56k	Resistor, Chip, 1/10W, 1%	0603	std	std
33	1	R1	91k	Resistor, Chip, 1/10W, 1%	0603	std	std
34	1	R21	91k	Resistor, Chip, 1/10W, 1%	0603	std	std

35	1 R40	1K	Resistor, Chip, 1/10W, 1%	0603	std	std
36	1 R13	13	Resistor, Chip, 1/8W, 1%	0805	std	std
37	2 R9,R11	2K	Resistor, Chip, 1/10W, 1%	0603	std	std
38	1 R18	NA	Resistor, Chip, 1/8W, 1%	0805	std	std
39	3 R4,R7,R8	3M	Resistor, Chip, 1/8W, 1%	0805	std	std
40	1 R19	470	Resistor, Chip, 1/8W, 1%	0805	std	std
41	1 R28	1K	Resistor, Metal Film, 1/4 watt, ± 1%	1206	std	std
42	2 R20,R22	200K	Resistor, Metal Film, 1/4 watt, ± 1%	1206	std	std
43	1 R6	100	Resistor, Chip, 1/10W, 1%	0603	std	std
44	1 R2	100K	Resistor, Chip, 1/10W, 1%	0603	std	std
45	1 R3	220K	Resistor, Chip, 1/10W, 1%	0603	std	std
46	3 R24,R25,R26,R30K		RES 30.0K OHM 1/10W 1% 0603 SMD	0603	std	std
47	1 R5	4.7	RES 4.7 OHM 1/10W 5% 0603 SMD	0603	std	std
48	1 Q2	SPU04N60C3	MOSFET N-CH 650V 4.5A TO-251	TO-251	SPU04N60C3	Infineon Technologies
49	1 U5	TL431AIDBZ	IC, Precision Adjustable Shunt Regulator	SOT23	TL431AIDBZ	TI
50	1 Q1	BSC016N04LS G	MOSFET N-CH 40V 100A TDSON-8	PG-TDSON-8	BSC016N04LS G	Infineon Technologies
51	1 U3	UCC24610D	IC, SECONDARY-SIDE SYNCHRONOUS RECTIFIER CONTROLLER FOR 5V SYSTEMS	S08	UCC24610D	TI
52	1 U1	UCC28610D	IC, Quasi-Resonant Flyback Green-Mode Controller	S08	UCC28610D	TI
53	1 T1	420uH	PG1078NL S01		PG1078NL S01	Pulse

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