

PMP8013_revA_BOM

					49
Item	Designator	Description	Manufacturer	Part Number	Quantity
1	D2	Bridge Rectifier, 600V, 0.8A, Glass Passivated, SMD	Diodes, Inc	HD06	1
2	C5	CAP, ALUM, 470uF, 50V, 20%, Radial, Dia 10mm x Len 20mm	Panasonic	EEU-HD1H471	1
3	C7	CAP, 2200pF, X1Y1, 250VAC, ±20%	TDK Corporation	CD85-E2GA102MYNS	1
4	J8-9	CONN HEADER 36PS .100 R/A 30GOLD (use 1/36)	FCI	68016-136HLF	2
5	J2-3	CONN HEADER 36PS .100 R/A 30GOLD (use 1/36)	FCI	68016-136HLF	2
6	C10-11	Capacitor, 0.1uF, Ceramic Chip, X7R, 25V, ±10%, 0603	Murata	GRM188R71E104KA01	2
7	C8	Capacitor, 2.2uF, Ceramic Chip, X7R, 25V, ±10%, 0805	Murata	GRM21BR71E225KA73L	1
8	C12	Capacitor, 4.7uF, Ceramic Chip, X7R, 16V, ±10%, 0805	Murata	GRM21BR71C475KE51	1
9	C13	Capacitor, DNP, Ceramic Chip, X7R, 50V, ±10%, 0805			0
10	C1	Capacitor, 0.022 uF, Leaded, 305 VAC, ±20%	Epcos	B32922C3223M	1
11	C2	Capacitor, 0.022 uF, Leaded, 305 VAC, ±20%	Vishay/BC Components	BFC233820223	1
12	C3-4	Capacitor, 0.1uF, 630V, X7R, ±10%	TDK	FK22X7R2J104K	2
13	C6	Capacitor, 1uF, Ceramic Chip, X7R, 50V, ±10%, 1210	Murata	GRM32RR71H105KA01L	1
14	C9	Capacitor, 22uF, Ceramic Chip, X7R, 25V, ±10%, 1210	Murata	GRM32ER71E226KE15L	1
15	D3	Diode, SMD Ultrafast Rectifier, 1A 600V, SOD-123	Micro Commercial Components	UFM15PL-TP	1
16	D5-6	Diode, Small Signal, 250mA, 100V, SOD-323	Micro Commercial Components	BAV19WS-TP	2
17	D4	Diode, Super Fast Rectifier, 200V, 1A, SMA	Diodes	ES1D-13-F	1
18	D1	Diode, Transient Voltage Suppressor, 400W, 250V, SMA	Littelfuse	SMAJ250A	1
19	D7	Diode, Zener, 3.9V, 200mW, SOD-323	On Semi	MM3Z3V9T1G	1
20	F1	Fuse, Fast-Acting, 250 VAC, 1 A	Littelfuse	0676 001.	1
21	U1	IC, Phase Dimmable, Primary Side Power Regulated PFC Flyback Controller	TI	LM3447MT	1
22	L1-2	Inductor, EMI 240mA, 4.7mH, ±10%, 9.5 ohm, 8.3x10mm	Wurth Electronics	744 772 472	2
23	Q2	MOSFET, N-ch, 650V, 7A, 0.6 Ohms, DPAK	ST Microelectronics	STD8N65M5	1
24	Q1	MOSFET, Nchan, 450V, 0.6A, 3.8 Ohm, TO-92	IR	STQ3N45K3-AP	1
25	R11	Resistor, 0.16 ohm, Chip, 1/2W, ±5%, 1210	Vishay Dale	RCWL1210R160JNEA	1
26	R14	Resistor, 10 ohm, Chip, 1/16W, ±1%, 0603	Vishay	CRCW060310R0F	1
27	R5	Resistor, 100 ohm, Chip, 1/10W, ±5%, 0805	Vishay	CRCW0805100RJNEAHP	1
28	R7	Resistor, 15 ohm, Chip, 1/10W, ±1%, 0805	Vishay	CRCW080515R0F	1
29	R13	Resistor, 178k, Chip, 1/16W, ±1%, 0603	Vishay	CRCW06031783F	1
30	R8	Resistor, 2.43k, Chip, 1/10W, ±1%, 0805	Vishay	CRCW08052431F	1
31	R6	Resistor, 22.1k, Chip, 1/4 watt, ± 1%, 1206	Vishay	CRCW12062212F	1
32	R9	Resistor, 274k, Chip, 1/16W, ±1%, 0603	Vishay	CRCW06032743F	1
33	R12	Resistor, 280k, Chip, 1/16W, ±1%, 0603	Vishay	CRCW06032803F	1
34	R10	Resistor, 30.1k, Chip, 1/16W, ±1%, 0603	Vishay	CRCW06033012F	1
35	R3-4 R3A	Resistor, 412k, Chip 1/4 watt, ± 1%, 1206	Vishay	CRCW12064123F	3
36	R4A	Resistor, 432k, Chip 1/4 watt, ± 1%, 1206	Vishay	CRCW12064323F	1
37	R15	Resistor, DNP, Chip 1/4 watt, ± 1%, 1206			0
38	R16	Resistor, DNP, Chip 1/4 watt, ± 5%, 1206			0
39	R17	Resistor, Metal Oxide Film, 330 ohms, 1W, 5%	Panasonic	ERG-1SJ331	1
40	R1	Resistor, Metal Oxide Film, 47 ohms, 1W, 5%	Panasonic	ERG-1SJ470	1
41	R18	Resistor, Metal Oxide Film, 910 ohms, 1W, 5%	Panasonic	ERG-1SJ911	1
42	RT1	Thermistor, 100k, NTC, ± 0.5%, 0805	Murata	NCP21WF104J03RA	1
43	T1	Transformer, EE-16, 2.18mH, ±10%	WE	7503 41599	1
44	MOV1	Varistor - 275V, 30J, 7mm_S07K275E2	EPCOS	B72207S2271K101	1

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