PMP9576_REVA_BOM.xlsx Filename: Generated: 2/28/2014 4:18:06 PM

PMP9576	Rev	A Bill	of	Materials
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Designator	Quantity	Value	Description	PackageReference	PartNumber	Manufacturer
C1	1	15uF	CAP, AL, 15uF, 400V, +/-20%, 1.909859 ohm, TH	12.5x20	EEUED2G150	Panasonic
C2	1	0.1uF	CAP, CERM, 0.1uF, 250V, +/-10%, X7R, 1808	1808	VJ1808Y104KXPAT5Z	Vishay-Vitramon
C3	1	0.22uF	CAP, Film, 0.22uF, 630V, +/-20%, TH	B32922_12.5mm	B32922C3224M	EPCOS Inc
C4, C5	2	22uF	CAP, CERM, 22uF, 25V, +/-10%, X5R, 1210	1210	GRM32ER61E226KE15L	MuRata
C6, C7	2	1500uF	CAP, AL, 1500uF, 16V, +/-20%, 0.028 ohm, TH	Cap 10x20mm	16ZLJ1500M10X20	Rubycon
C8	1	1000pF	CAP, CERM, 1000pF, 300V, +/-20%, Y5U, Radial Disc 7.5mm, Is=7.5	Radial Disc 7.5mm, Is=7.5	VY2102M29Y5UG63V7	Vishay-Bccomponents
C9	1	4.7uF	CAP, CERM, 4.7uF, 50V, +/-10%, X5R, 1206	1206	GRM319R61H475KA12	MuRata
C10, C11, R7	3	DNP	Do Not Populate	0603	N/A	N/A
C12	1	47uF	CAP, AL, 47uF, 400V, +/-20%, 0.609529 ohm, TH	18x20	EEUED2G470S	Panasonic
D1	1	1.1V	Diode, Switching-Bridge, 600V, 1.5A, DF-S	DF-S	DF1506S-T	Diodes Inc.
D2	1	100V	TVS DIODE 100VWM 162VC SMC	SMC	SMCJ100A	Micro Commercial Components
D3	1	100V	Diode, Schottky, 100V, 20A, DDPAK	DDPAK	MBRB20100CT-TP	Micro Commercial Components
D4, D5	2	1.25V	Diode, Switching, 200V, 0.2A, SOD-123		BAV21W-7-F	Diodes Inc.
D6	1	1.05V	Diode, Ultrafast, 600V, 1A, SMA	SMA	MURA160T3G	ON Semiconductor
F1	1		Fuse, 2A, 250V, TH	TR5 fuse 8.5mm DIA	37212000001	Littelfuse
H2, H4	2		Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead	Screw	NY PMS 440 0025 PH	B&F Fastener Supply
J1	1		AC Receptacle, 10A 250VAC	20X50X28.7mm	703W-00/54	Qualtek Electronics Corporation
J2	1		CONN HEADER .312 VERT 2POS TIN	TH Header	1-1318301-2	AMP
L1	1	33uH	Inductor, Shielded Drum Core, Ferrite, 33uH, 0.97A, 0.165 ohm, SMD	CDRH6D28	CDRH6D28NP-330NC	Sumida
L2	1	4000uH	Coupled inductor, 4000uH, 1.5A, 0.14 ohm, +/-30%, TH	15 x 18 x 7.5mm	744821240	Wurth Elektronik eiSos
L3	1	0	RES, 0 ohm, 5%, 0.1W, 0603	0603	CRCW06030000Z0EA	Vishay-Dale
Q1	1	600V	MOSFET N-CH 600V 7A DPAK	DPAK	FCD7N60TM_WS	Fairchild Semiconductor
Q2	1	0.25V	Transistor, PNP, 40V, 0.2A, SOT-23	SOT-23	MMBT3906	Fairchild Semiconductor
R1	1	0	RES, 0 ohm, 5%, 0.75W, 2010	2010	CRCW20100000Z0EF	Vishay-Dale
R2	1	3.01k	RES, 3.01k ohm, 1%, 0.1W, 0603	0603	CRCW06033K01FKEA	Vishay-Dale
R3	1	20	RES, 20 ohm, 5%, 0.1W, 0603	0603	CRCW060320R0JNEA	Vishay-Dale
R4	1	110k	RES, 110k ohm, 1%, 0.1W, 0603	0603	CRCW0603110KFKEA	Vishay-Dale
R5	1	1.0k	RES, 1.0k ohm, 5%, 0.1W, 0603	0603	CRCW06031K00JNEA	Vishay-Dale
R6	1	30.9k	RES, 30.9k ohm, 1%, 0.1W, 0603	0603	CRCW060330K9FKEA	Vishay-Dale
R8	1	0.27	RES, 0.27 ohm, 1%, 0.5W, 1210	1210	MCR25JZHFLR270	Rohm
T1	1	180 Uh	Transformer, Flyback 180 uH, TH	Transformer, 31.5x14.5x31.5mm	G144008LF	GCI Technologies
TP3	1	Red	Test Point, TH, Miniature, Red	Keystone5000	5000	Keystone
TP4	1	Black	Test Point, TH, Miniature, Black	Keystone5001	5001	Keystone
U1	1		Constant-Voltage, Constant-Current Controller With Primary-Side Regulation, D0007A	D0007A	UCC28710D	Texas Instruments

Notes:

Unless otherwise noted in the Alternate PartNumber and/or Alternate Manufacturer columns, all parts may be substituted with equivalents.

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