Pilename:	Power_Reference_Design_SubmissionForm_PMP9044.xls
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Designator	Quantity	Value	Description	PackageReference	PartNumber	Manufacturer	Alternate PartNumber	Alternate Manufacturer
!PCB1	1		Printed Circuit Board		PMP9044	Any	-	-
C2	1	2700uF	CAP ALUM 2700UF 6.3V 20% RADIAL	RCAP, 6.3x8mm	6.3ZLJ2700M10X20	Rubycon		
C3	1	10uF	CAP, CERM, 10uF, 25V, +/-20%, X7R, 1210	1210	C3225X7R1E106M	TDK		
C4	1	0.1uF	CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0805	0805	08053C104KAT2A	AVX		
C5, C6	2	10uF	CAP ALUM 10UF 400V 20% RADIAL	RCAP, TH, 10 x	EEU-EE2G100	Panasonic		
				20mm				
C7	1	4700pF	CAP, CERM, 4700pF, 500V, +/-10%, C0G/NP0, 2220	2220	VJ2220A472KBEAT4X	Vishay-Vitramon		
C9	1	18uF	CAP, AL, 18uF, 35V, +/-20%, TH	RCAP, 5x5mm	35ZL18MEFC5X7	Rubycon		
C101	1	470pF	CAP, CERM, 470pF, 630V, +/-5%, C0G/NP0, 1206	1206	C3216C0G2J471J	TDK		
D1	1	30V	Diode, Schottky, 30V, 1A, SMB	SMB	B130LB-13-F	Diodes Inc.		
D2, D3, D4,	6	1000V	Diode, Ultrafast, 1000V, 1A, SMA	SMA	US1M-13-F	Diodes Inc.		
D7, D8, D9								
D6	1	1.7V	Diode, Ultrafast, 1000V, 1A, SMA	SMA	US1M-13-F	Diodes Inc.		
D10	1		DIODE SWITCH 200V 200MA SOD323	SOD-323	BAS20HT1G			
Line1,	6		PCB Pin, Swage Mount, TH	3104-2	3104-2-00-34-00-00-08-	Mill-Max		
Line2,					0			
Line3,								
Netural,								
TP1, TP2								
Q1	1		TRANSISTOR NPN 600V 2A TO-220	TO-220AB	KSC5502TU	Fairchild Semiconductor		
R2	1	100	RES 100 OHM 1W 5% 2512 SMD	2512	ERJ-1TYJ101U	Panasonic		
R3, R5	2	10.0Meg	RES, 10.0Meg ohm, 1%, 0.25W, 1206	1206	CRCW120610M0FKEA	Vishay-Dale		
R4	1	49.9	RES, 49.9 ohm, 1%, 0.25W, 1206	1206		Vishay-Dale		
R6	1	0	RES, 0 ohm, 5%, 0.1W, 0603	0603	CRCW06030000Z0EA	Vishay-Dale		
R7	1	102k	RES, 102k ohm, 1%, 0.1W, 0603	0603		Vishay-Dale		
R8	1	0	RES, 0 ohm, 5%, 0.063W, 0402	0402		Vishay-Dale		
R9		5.11k	RES, 5.11k ohm, 1%, 0.063W, 0402	0402		Vishay-Dale		
R10	1	1.74k	RES, 1.74k ohm, 1%, 0.125W, 0805	0805		Vishay-Dale		
R11	1	3.9	RES, 3.9 ohm, 5%, 0.125W, 0805	0805		Vishay-Dale		
R12	1	19.6k	RES, 19.6k ohm, 1%, 0.1W, 0603	0603		Vishay-Dale		
R101	1	121k	RES, 121k ohm, 1%, 0.25W, 1206	1206		Vishay-Dale		
T1	1	850uH	Transformer, 450uH, TH	XFMR,	TBD	Renco Electronics		
				730x725x730mil, TH				
U1	1		CONSTANT-VOLTAGE, CONSTANT-CURRENT	D0007A	UCC28720D	Texas Instruments		None
			CONTROLLER WITH PRIMARY SIDE REGULATION,					
			D0007A					
C1	0	100pF	CAP, CERM, 100pF, 100V, +/-5%, C0G/NP0, 0603	0603	C1608C0G2A101J	TDK		
C8		0.1uF	CAP, CERM, 0.1uF, 50V, +/-10%, X7R, 0603	0603	06035C104KAT2A	AVX		
D5	0	200V	DIODE ZENER 200V 5W DO214AA	SMB	SMBJ5388B	Micro Commercial Co		
D11, D12	0	1000V	Diode, Ultrafast, 1000V, 1A, SMA	SMA	US1M-13-F	Diodes Inc.		
R1		DNP	RES, 0 ohm, 5%, 0.125W, 0805	0805	CRCW08050000Z0EA	Vishay-Dale		
R13		DNP	RES, 0 ohm, 5%, 0.063W, 0402	0402	CRCW04020000Z0ED	Vishay-Dale		
R14	0	0	RES, 0 ohm, 5%, 0.25W, 1206	1206	RC1206JR-070RL	Yageo America		

Notes:

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

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