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Designator	Quantity	Value	Description	PackageReference	PartNumber	Manufacturer	Alternate PartNumber	Alternate Manufactu
!PCB1	1		Printed Circuit Board		PMP8966	Any	-	-
C1	1	100pF	CAP, CERM, 100pF, 100V, +/-5%, C0G/NP0, 0603	0603	C1608C0G2A101J	TDK		
C2, C3	2	1000uF	CAP, AL, 1000uF, 16V, +/-20%, TH	CAPPR5-10x16	16ZLJ1000MCE10X16	Rubycon		
C4	1	0.1uF	CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0805	0805	08053C104KAT2A	AVX		
C5, C6	2	47uF	CAP, AL, 47uF, 400V, +/-20%, 0.609529 ohm, TH	16x25	EEUED2G470	Panasonic		
C7	1	0.1uF	CAP, Film, 0.1uF, 275V, +/-20%, TH	17.5x5.5x12.5mm	ECQ-U2A104ML	Panasonic		
C8	1	4700pF	CAP, CERM, 4700pF, 500V, +/-10%, C0G/NP0, 2220	2220	VJ2220A472KBEAT4X	Vishay-Vitramon		
C10	1	0.1uF	CAP, CERM, 0.1uF, 50V, +/-10%, X7R, 0603	0603	06035C104KAT2A	AVX		
C11	1	4.7uF	CAP, CERM, 4.7uF, 50V, +/-10%, X7R, 1210	1210	GRM32ER71H475KA88 L	MuRata		
C101	1	10uF	CAP, CERM, 10uF, 25V, +/-20%, X7R, 1210	1210	C3225X7R1E106M	TDK		
D1	1	0.65V	Diode, Schottky, 40V, 15A, DDPAK	DDPAK	MBRB1540CT-T	Diodes Inc.		
D2	1	120V	Diode, TVS, Uni, 120V, 600W, SMB	SMB	SMBJ120A-13-F	Diodes Inc.		
D3	1	1.15V	Diode, Switching-Bridge, 600V, 0.5A, MiniDIP	MiniDIP	RH06-T	Diodes Inc.		
D4	1	1.7V	Diode, Ultrafast, 1000V, 1A, SMA	SMA	US1M-13-F	Diodes Inc.		
D5	1		DIODE SWITCH 200V 200MA SOD323	SOD-323	BAS20HT1G		İ	
F1, F2	2		FUSE FAST 250VAC 2A RADIAL	TR5 fuse 8.5mm DIA		Littelfuse		
L1	1	10mH	Coupled inductor, 10mH, 1A, TH	17.5x22x13 mm	744822110	Wurth Elektronik eiSos		
Line1, TP1	2	Red	Test Point, TH, Miniature, Red	Keystone5000	5000	Keystone		
Netural1, TP2	2	Black	Test Point, TH, Miniature, Black	Keystone5001	5001	Keystone		
Q1	1	650V	MOSFET N-CH 650V 7.3A TO252-3	DPAK	IPD65R600E6	Infineon		None
R1	1	DNP	RES, 0 ohm, 5%, 0.125W, 0805	0805	CRCW08050000Z0EA	Vishay-Dale		
R2	1	49.9	RES, 49.9 ohm, 1%, 0.25W, 1206	1206	CRCW120649R9FKEA	Vishay-Dale		
R3	1	0	RES, 0 ohm, 5%, 0.1W, 0603	0603	CRCW06030000Z0EA	Vishay-Dale		
R4, R6	2	10Meg	RES, 10Meg ohm, 5%, 0.25W, 1206	1206	CRCW120610M0JNEA	Vishay-Dale		
R5	1	105k	RES, 105k ohm, 1%, 0.1W, 0603	0603	CRCW0603105KFKEA	Vishay-Dale		
R7	1	806	RES, 806 ohm, 1%, 0.063W, 0402	0402	CRCW0402806RFKED	Vishay-Dale		
R8	1	1.0	RES, 1.0 ohm, 5%, 0.125W, 0805	0805	CRCW08051R00JNEA	Vishay-Dale		
R9	1	1.2	RES, 1.2 ohm, 5%, 0.125W, 0805	0805	CRCW08051R20JNEA	Vishay-Dale		
R10	1	17.4k	RES, 17.4k ohm, 1%, 0.1W, 0603	0603	CRCW060317K4FKEA	Vishay-Dale		
T1	1	350uH	Transformer, 350uH, TH	XFMR, 870x580x870mil, TH	RLTI-1090	Renco Electronics	RLTI-1090	Renco
U1	1		Constant-Voltage, Constant-Current Controller With Primary-Side Regulation, DBV0006A	DBV0006A	UCC28700DBV	Texas Instruments		None
XF1, XF2	2	TR5	Fuse Holder, TR5, TH	TR5 Fuse Holder	56000001009	Littelfuse		
C9		47pF	CAP, CERM, 47pF, 25V, +/-5%, C0G/NP0, 0402	0402		MuRata		
R11	0	DNP	RES, 0 ohm, 5%, 0.063W, 0402	0402	CRCW04020000Z0ED	Viehay Dala		

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