

Change in menu Project

Designator	Quantity	Value	Description	PackageReference	PartNumber	Manufacturer	Alternate PartNumber	Alternate Manufacturer
!PCB1	1		Printed Circuit Board		PMP9053	Any	-	-
C2	1	820uF	CAP, AL, 820uF, 6.3V, +/-20%, 0.008 ohm, TH	RCAP, 6.3x8mm	6.3ZL820MEFC8x16	Rybycon		
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		
C6	1	10uF	CAP ALUM 10UF 400V 20% RADIAL	RCAP, 10x20mm	EEUEE2G100	Panasonic		
C7	1	0.1uF	CAP, CERM, 0.1uF, 50V, +/-10%, X7R, 0603	0603	06035C104KAT2A	AVX		
C8	1	18uF	CAP, AL, 18uF, 35V, +/-20%, TH	RCAP, 5x5mm	35ZL18MEFC5X7	Rubycon		
D1	1	30V	Diode, Schottky, 30V, 1A, SMB	SMB	B130LB-13-F	Diodes Inc.		
D2, D3, D5	3	1.7V	Diode, Ultrafast, 600V, 1A, SMA	SMA	US1J-E3/5AT	Diodes Inc.		
D4	1	160V	Diode, TVS, Uni, 160V, 3W, SMB	SMB	1SMB5954BT3G	Diodes Inc.		
D6	1	1.7V	Diode, Ultrafast, 1000V, 1A, SMA	SMA	US1M-13-F	Diodes Inc.		
D7	1		DIODE SWITCH 200V 200MA SOD323	SOD-323	BAS20HT1G			
Line1, Line2, Line3, Neutral, TP1, TP2	6		PCB Pin, Swage Mount, TH	3104-2	3104-2-00-34-00-00-08-0	Mill-Max		
R3	1	10.0	RES, 10.0 ohm, 1%, 0.1W, 0603	0603	CRCW060310R0FKEA	Vishay-Dale		
R4	1	76.8k	RES, 76.8k ohm, 1%, 0.1W, 0603	0603	CRCW060376K8FKEA	Vishay-Dale		
R6	1	2.87k	RES, 2.87k ohm, 1%, 0.1W, 0603	0603	CRCW06032K87FKEA	Vishay-Dale		
R7	1	30.1k	RES, 30.1k ohm, 1%, 0.1W, 0603	0603	CRCW060330K1FKEA	Vishay-Dale		
R9	1	2.0k	RES, 2.0k ohm, 5%, 0.1W, 0603	0603	CRCW06032K00JNEA	Vishay-Dale		
T1	1	850uH	Transformer	XFMR, 730x725x730mil, TH	RLTI-1094	Renco Electronics		
U1	1		LOW STAND-BY POWER, CV / CC PWM HV SWITCHER WITH PRIMARY SIDE REGULATION, D0007A	D0007A	UCC28910D	Texas Instruments		None
C1	0	100pF	CAP, CERM, 100pF, 100V, +/-5%, COG/NP0, 0603	0603	C1608C0G2A101J	TDK		
R1	0	DNP	RES, 0 ohm, 5%, 0.125W, 0805	0805	CRCW08050000Z0EA	Vishay-Dale		

Notes:

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

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