

PMP10937 REV A Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
C1	1	10uF	UVR1V100MDD1TA	Nichicon	CAP, AL, 10uF, 35V, +/-20%, TH	CAPPR2-5x11
C2	1	22pF	06035A220JAT2A	AVX	CAP, CERM, 22pF, 50V, +/-5%, C0G/NP0, 0603	0603
C3	1	10uF	EEU-EE2G100	Panasonic	CAP ALUM 10UF 400V 20% RADIAL	8x11
C4	1	10uF	EKMG401ELL100MJ20S	United Chemi-Con	CAP ALUM 10UF 400V 20% RADIAL	8x11
C5	1	150uF	EEU-FR1E151B	Panasonic	CAP ALUM 150UF 25V 20% RADIAL	6.3x11.2mm
C6	1	1uF	08055C105KAT2A	AVX	CAP, CERM, 1uF, 50V, +/-10%, X7R, 0805	0805
D1	1	100V	1N4148W-7-F	Diodes Inc.	Diode, Ultrafast, 100V, 0.15A, SOD-123	SOD-123
D2	1	600V	ES1J-TP	Diodes Inc.	DIODE FAST REC 600V 1A DO214AC	SMA
D3, D5	2	1000V	1N4007	Fairchild Semiconductor	Diode, P-N, 1000V, 1A, TH	DO-41
D4	1	600V	MURS160-13-F	Diodes Inc.	Diode, Ultrafast, 600V, 1A, SMB	SMB
L1	1	1mH	7447462102	Würth Elektronik eiSos	Inductor, Unshielded Drum Core, Ferrite, 1mH, 0.25A, 4.38 ohm, TH	D6 x 8.5mm
L2	1	100uH	RFS1113-104ME	Coilcraft	INDUCTOR 100UH	Dia 8x10mm
Q1	1	600V	STD3NK60ZD	ST Microelectronics	MOSFET N-CH 600V 2.4A DPAK	DPAK
R1	1	64.9k	CRCW060364K9FKEA	Vishay-Dale	RES, 64.9 k, 1%, 0.1 W, 0603	0603
R2	1	475k	CRCW1206475KFKEA	Vishay-Dale	RES, 475k ohm, 1%, 0.25W, 1206	1206
R3	1	17.8k	CRCW060317K8FKEA	Vishay-Dale	RES, 17.8k ohm, 1%, 0.1W, 0603	0603
R4	1	511	CRCW0603511RFKEA	Vishay-Dale	RES, 511 ohm, 1%, 0.1W, 0603	0603
R5, R7	2	0.82	ERJ-6RQFR82V	Panasonic	RES, 0.82, 1%, 0.125 W, 0805	0805
R6	1	12k	CRCW120612K0JNEA	Vishay-Dale	RES, 12k ohm, 5%, 0.25W, 1206	1206
R8, R9	2	3.3Meg	CRCW12063M30JNEA	Vishay-Dale	RES, 3.3Meg ohm, 5%, 0.25W, 1206	1206
R101	1	4.02k	CRCW12064K02FKEA	Vishay-Dale	RES, 4.02 k, 1%, 0.25 W, 1206	1206
RF1	1	4.7	FKN1WSJR-52-4R7	Yageo America	RES, 4.7 ohm, 5%, 1W, Fusible, TH	Axial resistor
TP1, TP2	2	Red	5000	Keystone	Test Point, Miniature, Red, TH	Red Miniature Testpoint
TP3, TP4	2	Black	5001	Keystone	Test Point, TH, Miniature, Black	Keystone5001
U1	1		UCC28700DBV	Texas Instruments	Constant-Voltage, Constant-Current Controller With Primary-Side Regulation, DBV0006A	DBV0006A
Q2	0		STN2580	Diodes Inc.	MOSF NPN 400V 1A SOT-223	SOT-223

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