PMP8787 REV A Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
!PCB	1		PMP8787	Any	Printed Circuit Board	
C1, C2	2	6.8uF	400AX6R8M8x11	Rubycon	CAP, AL, 6.8uF, 400V, +/-20%, TH	8x11
C3	1	470uF	ESY477M016AG8AA	Kemet	CAP, AL, 470uF, 16V, +/-20%, TH	CAPPR3p5-8x16
C4	1	1uF	C1608X7R1C105K	TDK	CAP, CERM, 1uF, 16V, +/-10%, X7R, 0603	0603
C5	1	2.2uF	C2012X5R1H225K125AB	TDK	CAP, CERM, 2.2 µF, 50 V, +/- 10%, X5R, 0805	0805
C8	1	1500pF	DE2E3KY152MN3AM02	MuRata	CAP, CERM, 1500 pF, 250 V, +/- 20%, E, TH, 2- Leads, Body 7x5mm, Pin Spacing 7.5mm	TH, 2- Leads, Body 7x5mm, Pin Spacing 7.5mm
D1	1	1.15V	RH06-T	Diodes Inc.	Diode, Switching-Bridge, 600V, 0.5A, MiniDIP	MiniDIP
D2	1	1.05V	MURA160T3G	ON Semiconductor	Diode, Ultrafast, 600V, 1A, SMA	SMA
D3	1	0.85V	SS110-TP	Micro Commercial Component	Diode, Schottky, 100V, 1A, SMA	SMA
D5	1	1.25V	1N4148W-7-F	Diodes Inc.	Diode, Ultrafast, 100V, 0.15A, SOD-123	SOD-123
D6	1	160V	SMAJ160CA	Littelfuse	Diode, TVS, Bi, 160 V, 400 W, SMA	SMA
F1	1		RST 500	Bel Fuse	Fuse, 0.5A, 250V, TH	8.35x7.7x4mm
L1	1	100uH	ME3220-104KLB	Coilcraft	Inductor, Drum Core, Ferrite, 100uH, 0.32A, 3.5 ohm, SMD	ME3220
Q1	1	600V	FQN1N60CTA	Fairchild Semiconductor	MOSFET, N-CH, 600V, 0.18A, TO-226AA	TO-226AA
R1, R3	2	3.3Meg	CRCW12063M30JNEA	Vishay-Dale	RES, 3.3Meg ohm, 5%, 0.25W, 1206	1206
R2	1	0	CRCW12060000Z0EA	Vishay-Dale	RES, 0, 5%, 0.25 W, 1206	1206
R4	1	10k	CRCW060310K0JNEA	Vishay-Dale	RES, 10k ohm, 5%, 0.1W, 0603	0603
R5	1	51.1	CRCW060351R1FKEA	Vishay-Dale	RES, 51.1 ohm, 1%, 0.1W, 0603	0603
R6	1	93.1k	CRCW060393K1FKEA	Vishay-Dale	RES, 93.1 k, 1%, 0.1 W, 0603	0603
R7	1	1.3k	CRCW06031K30JNEA	Vishay-Dale	RES, 1.3k ohm, 5%, 0.1W, 0603	0603
R8	1	25.5k	CRCW060325K5FKEA	Vishay-Dale	RES, 25.5 k, 1%, 0.1 W, 0603	0603
R9	1	1.5	CRCW08051R50JNEA	Vishay-Dale	RES, 1.5 ohm, 5%, 0.125W, 0805	0805
T1	1		RLTI-1084	Renco Electronics	Flyback Transfomer, 12V / 0.5A, TH	510 x 700 x 560 mil
TP1, TP2, TP3	3	Red	5000	Keystone	Test Point, TH, Miniature, Red	Keystone5000
TP4	1	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
C6, C7	0	10pF	C0603C100J5GACTU	Kemet	CAP, CERM, 10pF, 50V, +/-5%, C0G/NP0, 0603	0603
R10	0	0	CRCW06030000Z0EA	Vishay-Dale	RES, 0 ohm, 5%, 0.1W, 0603	0603

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