

**PMP9382 REV 2 Bill of Materials**

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
I PCB	1		PMP9382	Any	Printed Circuit Board	
C05	1	470uF	16SVPE470M	Sanyo	CAP, AL, 470uF, 16V, +/-20%, 0.01 ohm, SMD	JC0
Cbyp	1	0.1uF	GRM188R71C104KA01D	MuRata	CAP, CERM, 0.1uF, 16V, +/-10%, X7R, 0603	0603
Cc	1	0.1uF	08055C104JAT2A	AVX	CAP, CERM, 0.1uF, 50V, +/-5%, X7R, 0805	0805
Cc2	1	1000pF	08055A102FAT2A	AVX	CAP, CERM, 1000pF, 50V, +/-1%, C0G/NP0, 0805	0805
Cin1	1	47uF	C5750X5R1C476M	TDK	CAP, CERM, 47uF, 16V, +/-20%, X5R, 2220	2220
Co1, Co2, Co3, Co4	4	10uF	EMK212BJ106KG-T	Taiyo Yuden	CAP, CERM, 10uF, 16V, +/-10%, X5R, 0805	0805
Csn	1	0.01uF	C0603C103K5RACTU	Kemet	CAP, CERM, 0.01uF, 50V, +/-10%, X7R, 0603	0603
D1	1	20V	B520C-13-F	Diodes Inc.	Diode, Schottky, 20V, 5A, SMC	SMC
DVin, DVout	2	10V	MBRA210LT3G	ON Semiconductor	Diode, Schottky, 10V, 2A, SMA	SMA
J1, J2, J3, J4	4		575-4	Keystone	Standard Banana Jack, Uninsulated, 5.5mm	Keystone_575-4
L1	1	3.3uH	XAL7070-332MEB	Coilcraft	Inductor, Shielded, Composite, 3.3uH, 15.1A, 0.01 ohm, SMD	7.2x7x7.5mm
LBL1	1		THT-14-423-10	Brady	Thermal Transfer Printable Labels, 0.650" W x 0.200" H - 10,000 per roll	PCB Label 0.650"H x 0.200"W
Q1	1	25V	CSD16323Q3	Texas Instruments	MOSFET, N-CH, 25V, 60A, SON 3.3x3.3mm	SON 3.3x3.3mm
Rbyp	1	10.0	CRCW060310R0FKEA	Vishay-Dale	RES, 10.0 ohm, 1%, 0.1W, 0603	0603
Rc	1	1.3k	CRCW08051K30JNEA	Vishay-Dale	RES, 1.3k ohm, 5%, 0.125W, 0805	0805
Rdr, Rsl	2	0	CRCW06030000Z0EA	Vishay-Dale	RES, 0 ohm, 5%, 0.1W, 0603	0603
Rfa	1	30.1k	CRCW080530K1FKEA	Vishay-Dale	RES, 30.1k ohm, 1%, 0.125W, 0805	0805
Rfbb	1	11.3k	CRCW080511K3FKEA	Vishay-Dale	RES, 11.3k ohm, 1%, 0.125W, 0805	0805
Rfbt	1	82.5k	CRCW080582K5FKEA	Vishay-Dale	RES, 82.5k ohm, 1%, 0.125W, 0805	0805
Rsn	1	0.005	RL7520WT-R005-F	Susumu Co Ltd	RES, 0.005 ohm, 1%, 2W, 3008	3008
TP1, TP2, TP4, TP6	4	Double	1502-2	Keystone Electronics	Terminal, Turret, TH, Double	
TP3, TP5	2	Red	5000	Keystone Electronics	Test Point, TH, Miniature, Red	
TP7, TP8	2	Black	5001	Keystone	Test Point, TH, Miniature, Black	Keystone5001
U1	1		LM3478QMM	Texas Instruments	High Efficiency Low-Side N-Channel Controller for Switching Regulator, Automotive Grade 1, 8-pin MSOP	MUA08A

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