

Variant: 001
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PMP10737 REV E1 Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	!PCB	1		PMP10737	Any	Printed Circuit Board	
2	C1	1	100pF	08055A101JAT2A	AVX	CAP, CERM, 100 pF, 50 V, +/- 5%, COG/NP0, 0805	0805
3	C2	1	1000pF	08055A102JAT2A	AVX	CAP, CERM, 1000 pF, 50 V, +/- 5%, COG/NP0, 0805	0805
4	C3, C4	2	4.7uF	GRM32ER71H475KA88L	MuRata	CAP, CERM, 4.7 uF, 50 V, +/- 10%, X7R, 1210	1210
5	D2_1	1	28V	SMBJ28A-13-F	Diodes Inc.	Diode, TVS, Uni, 28 V, 600 W, SMB	SMB
6	D2_2	1	14V	SMBJ14A-13-F	Diodes Inc.	Diode, TVS, Uni, 14 V, 600 W, SMB	SMB
7	H1, H2, H3, H4	4		NY PMS 440 0025 PH	B&F Fastener Supply	Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead	Screw
8	H5, H6, H7, H8	4		1902C	Keystone	Standoff, Hex, 0.5"L #4-40 Nylon	Standoff
9	H9, H10, H11, H12	4		SJ-5303 (CLEAR)	3M	Bumpon, Hemisphere, 0.44 X 0.20, Clear	Transparent Bumpon
10	J1, J2, J3, J4	4		575-4	Keystone	Standard Banana Jack, Uninsulated, 5.5mm	Keystone_575-4
11	Q1	1	40V	FDD8647L	Fairchild Semiconductor	MOSFET, N-CH, 40 V, 14 A, DPAK	DPAK
12	Q2	1	-40V	AOD413A	AOS	MOSFET, P-CH, -40 V, -12 A, DPAK	DPAK
13	Q3	1	600V	BSS127S-7	Diodes Inc.	MOSFET, N-CH, 600 V, 0.05 A, SOT-23	SOT-23
14	R1	1	47k	ERJ-6GEYJ473V	Panasonic	RES, 47 k, 5%, 0.125 W, 0805	0805
15	R2	1	5.23k	ERJ-6ENF5231V	Panasonic	RES, 5.23 k, 1%, 0.125 W, 0805	0805
16	R3	1	20k	ERJ-6GEYJ203V	Panasonic	RES, 20 k, 5%, 0.125 W, 0805	0805
17	R5, R7	2	100k	CRCW0805100KJNEA	Vishay-Dale	RES, 100 k, 5%, 0.125 W, 0805	0805
18	R6	1	150k	CRCW0805150KFKEA	Vishay-Dale	RES, 150 k, 1%, 0.125 W, 0805	0805
19	TP1, TP4, TP5, TP6, TP7, TP8, TP9	7	Double	1502-2	Keystone	Terminal, Turret, TH, Double	Keystone1502-2
20	U1	1		TL432AIDBZR	Texas Instruments	Adjustable Precision Shunt Regulator, 34 ppm / degC, 100 mA, -40 to 85 degC, 3-pin SOT-23 (DBZ), Green (RoHS & no Sb/Br)	DBZ0003A
21	U2	1		LM74610QDGKRQ1	Texas Instruments	Smart Diode Controller, DGK0008A	DGK0008A
22	VCAP_2	1	2.2uF	C2012X5R1H225K125AB	TDK	CAP, CERM, 2.2 uF, 50 V, +/- 10%, X5R, 0805	0805
23	FID1, FID2, FID3	0		N/A	N/A	Fiducial mark. There is nothing to buy or mount.	Fiducial

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