

Variant: 001
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PMP10534 REV A Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	IPCBA1	1		PMP9440	Any	PMP9440 PCB	N/A
2	C1	1	47uF	EEE-FK1H470XP	Panasonic	CAP, AL, 47uF, 50V, +/-20%, 0.68 ohm, SMD	SMT Radial D8
3	C6, C7	2	10uF	GRM32ER71H106KA12L	MuRata	CAP, CERM, 10uF, 50V, +/-10%, X7R, 1210	1210
4	C8, C9	2	0.1uF	06035C104KAT2A	AVX	CAP, CERM, 0.1uF, 50V, +/-10%, X7R, 0603	0603
5	C10	1	0.47uF	C0603C474K8RACTU	Kemet	CAP, CERM, 0.47uF, 10V, +/-10%, X7R, 0603	0603
6	C12, C13, C14	3	22uF	C3225X7R1C226M	TDK	CAP, CERM, 22uF, 16V, +/-20%, X7R, 1210	1210
7	C15	1	1000pF	C0603C102J5RACTU	Kemet	CAP, CERM, 1000pF, 50V, +/-5%, X7R, 0603	0603
8	C16	1	2.2uF	GRM188R71A225KE15D	MuRata	CAP, CERM, 2.2uF, 10V, +/-10%, X7R, 0603	0603
9	FID1, FID2, FID3	3		N/A	N/A	Fiducial mark. There is nothing to buy or mount.	Fiducial
10	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
11	H5, H6, H7, H8	4		1902C	Keystone	Standoff, Hex, 0.5"L #4-40 Nylon	Standoff
12	J1	1	1x3	PBC03SAAN	Sullins Connector Solutions	Header, 100mil, 3x1, Gold, TH	PBC03SAAN
13	L2	1	2.2uH	FDV0630-2R2M	Toko	Inductor, Shielded, Powdered Iron, 2.2uH, 5.3A, 0.021 ohm, SMD	Inductor, 6.7x3x6.7mm
14	R1, R2, R4, R6	4	0	CRCW06030000Z0EA	Vishay-Dale	RES, 0 ohm, 5%, 0.1W, 0603	0603
15	R3, R7	2	100k	CRCW0603100KFKEA	Vishay-Dale	RES, 100k ohm, 1%, 0.1W, 0603	0603
16	R5	1	2.55	CRCW08052R55FKEA	Vishay-Dale	RES, 2.55 ohm, 1%, 0.125W, 0805	0805
17	TP1, TP5	2	Red	5010	Keystone	Test Point, Multipurpose, Red, TH	Red Multipurpose Testpoint
18	TP3, TP12	2	Black	5011	Keystone	Test Point, Multipurpose, Black, TH	Black Multipurpose Testpoint
19	TP6, TP8, TP10, TP11	4	White	5012	Keystone	Test Point, Multipurpose, White, TH	White Multipurpose Testpoint
20	TP7, TP14	2	Double	1503-2	Keystone	Terminal, Turret, TH, Double	Keystone1503-2
21	U1	1		LM536035QPWPQ1	Texas Instruments	6th GENERATION BUCK REGULATOR, 5Vout Option, PWP0016H	PWP0016A
22	C2	0	0.1uF	GRM188R72A104KA35D	MuRata	CAP, CERM, 0.1uF, 100V, +/-10%, X7R, 0603	0603
23	C3	0	1uF	C3216X7R2A105M160AA	TDK	CAP, CERM, 1uF, 100V, +/-20%, X7R, 1206	1206
24	C4	0	0.1uF	C1608X7R1H104K	TDK	CAP, CERM, 0.1uF, 50V, +/-10%, X7R, 0603	0603
25	C5, C17	0	4.7uF	GRM31CR71H475KA12L	MuRata	CAP, CERM, 4.7uF, 50V, +/-10%, X7R, 1206	1206
26	C11	0	180uF	APXC6R3ARA181MF60G	Nippon Chemi-Con	CAP, AL, 180uF, 6.3V, +/-20%, 0.022 ohm, SMD	F60
27	C18	0	0.033uF	GRM188R71E333KA01D	MuRata	CAP, CERM, 0.033uF, 25V, +/-10%, X7R, 0603	0603
28	L1	0	4.7uH	MSD1260-472MLB	Coilcraft	Coupled inductor, 4.7uH, 5.15A, 0.036 ohm, +/-20%, SMD	MSD1260
29	LF1	0	2.2uH	74408943022	Würth Elektronik eiSos	Inductor, Shielded Drum Core, Ferrite, 2.2uH, 3A, 0.026 ohm, SMD	4.8x3.8x4.8mm
30	R8	0	4.99k	CRCW06034K99FKEA	Vishay-Dale	RES, 4.99k ohm, 1%, 0.1W, 0603	0603
31	TP2, TP4	0	Double	1503-2	Keystone	Terminal, Turret, TH, Double	Keystone1503-2

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