

Variant: 001  
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**PMP21872 REV A Bill of Materials**

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	C1, C14	2	2200pF	GRM155R71E222KA01D	MuRata	CAP, CERM, 2200 pF, 25 V, +/- 10%, X7R, 0402	0402
2	C2, C3, C4, C5, C15, C18, C19, C20	8	22uF	GRM31CR61C226KE15L	MuRata	CAP, CERM, 22 uF, 16 V, +/- 10%, X5R, 1206	1206
3	C6, C7, C12	3	1uF	CGJ3E1X7R1E105K080AC	TDK	CAP, CERM, 1 uF, 25 V,+/- 10%, X7R, 0603	0603
4	C8, C22	2	470uF	EEFSX0E471E4	Panasonic	CAP, Aluminum Polymer, 470 uF, 2.5 V, +/- 20%, 4.5 ohm, 7343-20, SMD	7343-20
5	C9, C28, C29, C30, C31, C32	6	100uF	C1210C107M9PACTU	Kemet	CAP, CERM, 100 uF, 6.3 V, +/- 20%, X5R, 1210	1210
6	C11, C34	2	0.1uF	GRM155R61C104KA88D	MuRata	CAP, CERM, 0.1 uF, 16 V, +/- 10%, X5R, 0402	0402
7	C13, C16	2	0.1uF	GRM155R61E104KA87D	MuRata	CAP, CERM, 0.1 uF, 25 V, +/- 10%, X5R, 0402	0402
8	C17	1	0.22uF	GRM155R71C224KA12D	MuRata	CAP, CERM, 0.22 uF, 16 V, +/- 10%, X7R, 0402	0402
9	C21, C26	2	10uF	C0603C106M9PACTU	Kemet	CAP, CERM, 10 uF, 6.3 V, +/- 20%, X5R, 0603	0603
10	C24, C25	2	0.47uF	C1608X7R1E474K080AE	TDK	CAP, CERM, 0.47 uF, 25 V,+/- 10%, X7R, 0603	0603
11	J1	1		5103308-1	TE Connectivity	Header (shrouded), 100mil, 5x2, Gold, TH	5x2 Shrouded header
12	J2	1		691214000000	Würth Elektronik	Terminal Block, 2x1, 3.81mm, 24-16 AWG, 10A, 300VAC, TH	2x1 Terminal Block
13	L1, L2	2	220nH	CMLE064T-R22MS0R987	Cyntec	Inductor, 220 nH, 28.5 A, 0.00098 ohm, SMD	6.8x7.6mm
14	R1	1	115k	RC0402FR-07115KL	Yageo America	RES, 115 k, 1%, 0.063 W, 0402	0402
15	R2	1	162k	CRCW0402162KFKED	Vishay-Dale	RES, 162 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	0402
16	R3, R5	2	2.2	CRCW04022R20JNED	Vishay-Dale	RES, 2.2, 5%, 0.063 W, AEC-Q200 Grade 0, 0402	0402
17	R4	1	121k	CRCW0402121KFKED	Vishay-Dale	RES, 121 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	0402
18	R6, R19	2	169k	CRCW0402169KFKED	Vishay-Dale	RES, 169 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	0402
19	R7, R16, R17	3	0	CRCW04020000Z0ED	Vishay-Dale	RES, 0, 5%, 0.063 W, AEC-Q200 Grade 0, 0402	0402
20	R8, R9, R10, R11, R12, R13	6	10k	ERJ-2GEJ103X	Panasonic	RES, 10 k, 5%, 0.1 W, AEC-Q200 Grade 0, 0402	0402
21	R14, R15	2	100	ERJ-2GEJ101X	Panasonic	RES, 100, 5%, 0.1 W, AEC-Q200 Grade 0, 0402	0402
22	R18	1	0.33	ERJ-3RQFR33V	Panasonic	RES, 0.33, 1%, 0.1 W, 0603	0603
23	T1, T2	2		CB35-36-CY	Panduit	Terminal 50A Lug	CB35-36-CY
24	TP1, TP2, TP8, TP9	4		5000	Keystone	Test Point, Miniature, Red, TH	Red Miniature Testpoint
25	TP3, TP4, TP5, TP6, TP7, TP10	6		5003	Keystone	Test Point, Miniature, Orange, TH	Orange Miniature Testpoint
26	U1, U3	2		CSD95490Q5MC	Texas Instruments	Synchronous Buck NexFET Power Stage, DMC0012A (VSON-CLIP-12)	DMC0012A
27	U2	1		TPS53622RSBR	Texas Instruments	Dual-Channel (1-Phase + 1-Phase) or (2-Phase + 0-Phase) D-CAP+Step-Down Multiphase Controller with NVM and PMBus for VR13 Server V CClO + V MCP, RSB0040E (WQFN-40)	RSB0040E
28	U4	1		LP2951-50DR	Texas Instruments	Fixed Regulator with 1 to 30 V Input and 1.2 to 30 V Output, -40 to 125 degC, 8-Pin SOIC (D), Green (RoHS & no Sb/Br)	D0008A
29	C10	0	1000pF	C0402C102J3GACTU	Kemet	CAP, CERM, 1000 pF, 25 V,+/- 5%, COG/NP0, 0402	0402
30	C23, C27	0	1500pF	08051C152KAT2A	AVX	CAP, CERM, 1500 pF, 100 V, +/- 10%, X7R, 0805	0805
31	C33	0	1000pF	C1005C0G1E102J	TDK	CAP, CERM, 1000 pF, 25 V, +/- 5%, COG/NP0, 0402	0402
32	R20, R21	0	1.0	CRM1206-JW-1R0ELF	Bourns	RES, 1.0, 5%, 0.5 W, 1206	1206

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