

## PMP5149.1 REV A BOM

COUNT	RefDes	Value	Description	Size	Part Number	MFR	AREA
000	C1, C3, C12, C13,	74.40	2000.000	0.20	. u.t.ituiliboi	,,,,,	, <u>_</u> , .
	C14, C17, C22,						
9	C23, C25	1uF	Capacitor, Ceramic, X7R, 16V	0603	Std	TDK	
2	C10, C32	0.018uF	Capacitor, Ceramic, X7R, 16V	0603	Std	TDK	
1	C11	560pF	Capacitor, Ceramic, X7R, 16V	0603	Std	TDK	
1	C16	10pF	Capacitor, Ceramic, X5R, 25V	0603	Std	TDK	
2	C18, C19	10uF	Capacitor, Ceramic, X3R, 25V	1210	Std	TDK	
	C2, C5, C8, C15,	Tour	Capacitor, Ceramic, XTX, 10V	1210	Stu	IDIX	
7	C24, C26, C28	0.1uF	Capacitor, Ceramic, X7R, 16V	0603	Std	TDK	
1	C21	4.7uF	Capacitor, Ceramic, X5R, 25V	0603	Std	TDK	
1	C31	330pF	Capacitor, Ceramic, X7R, 16V	0603	Std	TDK	
1	C33	1500pF	Capacitor, Ceramic, X7R, 16V	0603	Std	TDK	
2	C4, C27	470uF	Capacitor, Alum.Electrolytic, 4V, Temp -55 to 105 C°, ±20%	7343 (D)	TPSD4770040045	AVX	
2	C6, C7, C20, C29,	47001	Oapaditor, Alum. Electrolytic, 41, Temp -33 to 103 O , 120/0	7343 (D)	11 35477 0040043	AVA	
5	C30	10uF	Capacitor, Ceramic, X5R, 25V	1210	Std	TDK	
1	C9	82pF	·	0603	Std	TDK	
		огрг	Capacitor, Ceramic, X7R, 16V	0003	Siu	IDK	
-	J1, J2, J3, J4, J5,	EDEEE/ODO	Transitud Black Onia O.A.O.Sava	0.07 0.05 !!-	EDEEE/ODO	007	
7	J6, J7	ED555/2DS	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25 inch	ED555/2DS	OST	
1	L1	2.7uH	Inductor, SMT, 7A, 11.3milliohm		SLF12575T-2R7N7R0-PF	TDK	
1	L2	6.8uH	Inductor, SMT, 3.6A, 18 milliohm	0.402 x 0.394 inch	MSS1048-682NL	Coilcraft	
1	L3	1.5uH	Inductor, SMT, 5.44A, 5.8 milliohm	0.402 x 0.394 inch	MSS1048-152NL	Coilcraft	
	R1, R3, R4, R10,						
	R12, R13, R19,						
	R22, R25, R27,						
11	R28	10k	Resistor, Chip, 1/16W, 1%	0603	CRCW0603-xxxx-F	Vishay	
2	R11, R32	56.2k	Resistor, Chip, 1/16W, 1%	0603	CRCW0603-xxxx-F	Vishay	
1	R14	13.3k	Resistor, Chip, 1/16W, 1%	0603	CRCW0603-xxxx-F	Vishay	
1	R16	496.2k	Resistor, Chip, 1/16W, 1%	0603	CRCW0603-xxxx-F	Vishay	
1	R18	1M	Resistor, Chip, 1/16W, 1%	0603	CRCW0603-xxxx-F	Vishay	
	R2, R8, R15, R17,						
6	R24, R26	100k	Resistor, Chip, 1/16W, 1%	0603	CRCW0603-xxxx-F	Vishay	
1	R20	301	Resistor, Chip, 1/16W, 1%	0603	CRCW0603-xxxx-F	Vishay	
1	R21	38.3k	Resistor, Chip, 1/16W, 1%	0603	CRCW0603-xxxx-F	Vishay	
1	R23	26.7k	Resistor, Chip, 1/16W, 1%	0603	CRCW0603-xxxx-F	Vishay	
1	R29	2.49k	Resistor, Chip, 1/16W, 1%	0603	CRCW0603-xxxx-F	Vishay	
1	R30	78.7k	Resistor, Chip, 1/16W, 1%	0603	CRCW0603-xxxx-F	Vishay	
1	R5	11.5k	Resistor, Chip, 1/16W, 1%	0603	CRCW0603-xxxx-F	Vishay	
1	R6	9.09k	Resistor, Chip, 1/16W, 1%	0603	CRCW0603-xxxx-F	Vishay	
1	R7	4.64k	Resistor, Chip, 1/16W, 1%	0603	CRCW0603-xxxx-F	Vishay	
2	R9. R31	196k	Resistor, Chip, 1/16W, 1%	0603	CRCW0603-xxxx-F	Vishay	
-	110, 1101	10010	1700iotor, Onip, 1710***, 170	0000	CITOTYCOCC XXXX I	violity	
	TP1, TP2, TP5, TP6, TP7, TP8, TP10, TP11, TP12, TP13, TP15, TP16, TP17, TP18, TP19, TP20, TP21, TP24, TP25, TP27, TP28, TP20, TP20, TP31						
0.5	TP29, TP30, TP31,	5000	Took Polist - Book Throughlab - Onlock Council	0.400 0.400 : . :	5000	17	
25	TP32	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone	
	TP3, TP4, TP9,						
_	TP14, TP22, TP23,						
8	TP26, TP33	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone	
2	U1, U6		IC, 1.62V-17V Synchronous Buck PWM Converter with Integrated MOSFET	QFN14	TPS54620RGY	TI	
3	U2, U3, U5		IC, 1.5 A LDO With Programmable Soft-Start	QFN-20	TPS74401RGW	TI	
1	U4	TPS62110PW	IC, Synchronous Step-Down Converter, 17V, 1.5A	TSSOP-14	TPS62110PW	TI	

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