

PMP1873_REV BOM

Count	RefDes	Value	Part Number	Description	Size	Mfr
2	C13	0.068uF	Std	Capacitor, Ceramic, 50V, COG, 20%	603	Std
	C24	0.068uF	Std	Capacitor, Ceramic, 50V, COG, 20%	603	Std
2	C8	0.1uF	Std	Capacitor, Ceramic, 50V, X7R, 15%	603	Std
	C19	0.1uF	Std	Capacitor, Ceramic, 50V, X7R, 15%	603	Std
2	C17	0.1uF	Std	Capacitor, Ceramic, 6.3V, X7R, 20%	603	Std
	C25	0.1uF	Std	Capacitor, Ceramic, 6.3V, X7R, 20%	603	Std
1	C4	0.1uF	Std	Capacitor, Ceramic, 10V, X7R, 20%	603	Std
2	C9	22pF	Std	Capacitor, Ceramic, 50V, COG, 20%	603	Std
	C20	22pF	Std	Capacitor, Ceramic, 50V, COG, 20%	603	Std
2	C2	100pF	Std	Capacitor, Ceramic, 50-V, COG, 20%	603	Std
	C15	100pF	Std	Capacitor, Ceramic, 50-V, COG, 20%	603	Std
1	C23	470pF	Std	Capacitor, Ceramic, 50V, COG, 20%	603	Std
1	C12	470pF	Std	Capacitor, Ceramic, 50V, COG, 20%	603	Std
2	C14	560pF	Std	Capacitor, Ceramic, 50V, COG, 20%	603	Std
	C26	560pF	Std	Capacitor, Ceramic, 50V, COG, 20%	603	Std
2	C7	1800pF	Std	Capacitor, Ceramic, 50V, COG, 20%	603	Std
	C18	1800pF	Std	Capacitor, Ceramic, 50V, COG, 20%	603	Std
1	C6	Open	Std	Capacitor, Ceramic, 6.3V, X7R, 5%	603	Std
2	C11	10uF	Std	Capacitor, Ceramic, 6.3V, X7R, 20%	805	Std
	C22	10uF	Std	Capacitor, Ceramic, 6.3V, X7R, 20%	805	Std
1	C5	10uF	Std	Capacitor, Ceramic, 6.3V, X7R, 20%	805	Std
3	C1	10uF	Std	Capacitor, Ceramic, 10V, X7R, 20%	805	Std
	C3	10uF	Std	Capacitor, Ceramic, 10V, X7R, 20%	805	Std
	C16	10uF	Std	Capacitor, Ceramic, 10V, X7R, 20%	805	Std
2	C10	330uF	EEVFK1A331P	Capacitor, Aluminum, 10V, 160mohm, ±20%	0.328 x 0.390 inch	Panasonic
	C21	330uF	EEVFK1A331P	Capacitor, Aluminum, 10V, 160mohm, ±20%	0.328 x 0.390 inch	Panasonic
2	D1	B320	B330	Diode, Schottky, 3A, 30V	SMC	Diodes Inc.
	D2	B320	B330	Diode, Schottky, 3A, 30V	SMC	Diodes Inc.
2	L1	22uH	DR125-220	Inductor, SMT, 3.7A, 40milliohm	0.492 sq"	Coiltronics
	L2	22uH	DR125-220	Inductor, SMT, 3.7A, 40milliohm	0.492 sq"	Coiltronics
1	R25	0	Std	Resistor, Chip, 1/16-W, 1%	603	Std
2	R7	0	Std	Resistor, Chip, 1/16W, 1%	603	Std
	R23	0	Std	Resistor, Chip, 1/16W, 1%	603	Std
2	R5	1K	Std	Resistor, Chip, 1/16W, 1%	603	Std
	R22	1K	Std	Resistor, Chip, 1/16W, 1%	603	Std
1	R6	30.1K	Std	Resistor, Chip, 1/16-W, 1%	603	Std
2	R16	49.9	Std	Resistor, Chip, 1/16-W, 1%	603	Std
	R31	49.9	Std	Resistor, Chip, 1/16-W, 1%	603	Std
1	R4	52.3K	Std	Resistor, Chip, 1/16-W, 1%	603	Std
2	R8	53.6K	Std	Resistor, Chip, 1/16-W, 1%	603	Std
	R27	53.6K	Std	Resistor, Chip, 1/16-W, 1%	603	Std
1	R28	63.4k	Std	Resistor, Chip, 1/16-W, 1%	603	Std
2	R1	68.1K	Std	Resistor, Chip, 1/16-W, 1%	603	Std
	R19	68.1K	Std	Resistor, Chip, 1/16-W, 1%	603	Std
1	R21	93.1k	Std	Resistor, Chip, 1/16-W, 1%	603	Std
7	R9	100k	Std	Resistor, Chip, 1/16-W, 1%	603	Std
	R10	100k	Std	Resistor, Chip, 1/16-W, 1%	603	Std
	R18	100k	Std	Resistor, Chip, 1/16-W, 1%	603	Std
	R13	100K	Std	Resistor, Chip, 1/16-W, 1%	603	Std
	R14	100K	Std	Resistor, Chip, 1/16-W, 1%	603	Std
	R24	100k	Std	Resistor, Chip, 1/16-W, 1%	603	Std
	R29	100K	Std	Resistor, Chip, 1/16-W, 1%	603	Std
3	R17	100k	Std	Resistor, Chip, 1/16-W, 1%	603	Std
	R15	100K	Std	Resistor, Chip, 1/16-W, 1%	603	Std
	R30	100K	Std	Resistor, Chip, 1/16-W, 1%	603	Std
1	R12	143K	Std	Resistor, Chip, 1/16-W, 1%	603	Std
1	R11	267k	Std	Resistor, Chip, 1/16-W, 1%	603	Std
2	R3	Open	Std	Resistor, Chip, 1/16-W, 1%	603	Std
	R26	Open	Std	Resistor, Chip, 1/16-W, 1%	603	Std
2	R2	0.039	ERJ-L14KF39MU	Resistor, Chip, 0.039 Ohms, 1/3 W, 5%	1210	Panasonic
	R20	0.039	ERJ-L14KF39MU	Resistor, Chip, 0.039 Ohms, 1/3 W, 5%	1210	Panasonic
1	S1	EVQ-PJA04Q	EVQ-PJA04Q	Switch, 1P1T, PB Momentary, 50-mA	0.24 x 0.14 inch	Panasonic
1	U1	TPS73701DCQ	TPS73701DCQ	IC, Cap-Free NMOS, 400mA LDO Regulator With Rever	SOT223-6	TI
1	U4	PS3808G33DBV	TPS3808G33DBVR	IC, Low Quiescent Current, Programmable 3.3-V, Delay	SOT23-6	TI
2	U2	TPS40200D	TPS40200D	IC, Low Cost Sync Buck Controller	SO-8	Texas Instruments
	U3	TPS40200D	TPS40200D	IC, Low Cost Sync Buck Controller	SO-8	Texas Instruments
2	TP4		240-333	Test Point, Black, 1mm	0.038	Farnell
	TP12		240-333	Test Point, Black, 1mm	0.038	Farnell
10	TP1		240-345	Test Point, Red, 1mm	0.038	Farnell
	TP2		240-345	Test Point, Red, 1mm	0.038	Farnell
	TP3		240-345	Test Point, Red, 1mm	0.038	Farnell

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