

Filename: PMP5554_REVB_bom.xls

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PMP5554_REVB BOM

COUNT	RefDes	Value	Description	Size	Part Number
3	C1	10uF	Capacitor, Ceramic, 25V, [temp], [tol]	1210	Std
	C2	10uF	Capacitor, Ceramic, 25V, [temp], [tol]	1210	Std
	C3	1500uF	Capacitor, Aluminium Electrolytic, 25V		EKZM250ELL152MK20S
1	C4	DNP	Capacitor, Aluminum, vvV, [temp], [tol]		xxxZLxxxxxxxxxxxxxxx
1	C5	DNP	Capacitor, Ceramic, vvV, [temp], [tol]	1210	Std
2	C6	1uF	Capacitor, Ceramic, 50V, X7R, 20%	1206	C3216X7R1H105M
	C7	47uF	Capacitor, Aluminium Electrolytic, 450V		EKXJ451ELL470ML25S
2	C8	0.15uF	Capacitor, Film, MKP 338 X2, 275VAC, 20%	.470x.250 inch	R46KI315050M1M
	C9	0.15uF	Capacitor, Film, MKP 338 X2, 275VAC, 20%	.470x.250 inch	R46KI315050M1M
1	C10	1000pF	Capacitor, Ceramic, 630V, C0G, 10%	1206	C3216CH2J103K
2	C11	100nF	Capacitor, Ceramic, vvV, [temp], [tol]	0805	GRM40yyyxxxKvv
1	C12	220uF	Capacitor, Aluminum	0.406 x 0.457 ir	EEVFC1C221P
1	C13	47uF	Capacitor, Ceramic, vvV, [temp], [tol]	1210	Std
1	C14	22uF	Capacitor, Ceramic, 25V, [temp], [tol]	1210	Std
1	C15	1.5nF	Capacitor, Ceramic, Low Inductance, vvV, [temp], [tol]	0603	GRM39yyyxxxKvvvA
1	C16	68nF	Capacitor, Ceramic, Low Inductance, vvV, [temp], [tol]	0603	GRM39yyyxxxKvvvA
1	C17	68pF	Capacitor, Ceramic, Low Inductance, vvV, [temp], [tol]	0603	GRM39yyyxxxKvvvA
1	C18	33uF	Capacitor, Aluminum Electrolytic, 25V	0.200 * 0.435 in	25V ZL 27uF 5 X 11
1	C19	4700pF	CAP, CERM DISC Y1, 250Vac, 20%	.500 X .310	ECK-ANA472ME
1	C20	68pF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H223K
1	C21	0.047uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H473K
1	C22	100pF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H101K
1	C23	0.1uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H104K
1	C24	33nF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H223K
1	C25	DNP	Capacitor, Ceramic, X7R, 20%	0603	C1608X7R1C105M
1	C26	100pF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H102K
	C27	100nF	Capacitor, Ceramic, vvV, [temp], [tol]	0805	GRM40yyyxxxKvv
	C28	10uF	Capacitor, Ceramic, 25V, [temp], [tol]	1210	Std
	C29	1uF	Capacitor, Ceramic, 50V, X7R, 20%	1206	C3216X7R1H105M
1	D5	B340	B340		Diode, Schottky Vishay-Liteon

1	D6	BAS20LT1	BAS20	Diode, Switchin On Semiconductor
2	D7	BAS16LT1	DNP	Diode, Switchin On Semiconductor
	D8	BAS16LT1	DNP	Diode, Switchin On Semiconductor
1	D2	RH06-T	RH06-T	Diode, Bridge, (Diodes
1	D9	MURA160T3	MURA160T3	Diode, Rectifier ON Semiconductor
2	D1	MBRS3100T3	MBRS3100T3	Diode, Schottky ON Semiconductor
	D4	MBRS3100T3	MBRS3100T3	Diode, Schottky ON Semiconductor
1	F1	37011250430	1.25A	Fuse, TR5 Seri Wickmann
1	HS1	507302B00000	507302B00000	Heatsink, TO-2: Aavid
1	L3	MSS1038-xxxNX_	22uH	Inductor, SMT, Coilcraft
1	L1	MSS1048-xxxL	DNP	Inductor, SMT, Coilcraft
1	L2	UU9.8V-103	10mH	Inductor, Comrn GCI
1	R19	Std	1k	Resistor, Chip, Std
1	R26	Std	1.65k	Resistor, Chip, Std
1	R24	Std	2k	Resistor, Chip, Std
1	R2	Std	4.02k	Resistor, Chip, Std
1	R17	Std	4.99k	Resistor, Chip, Std
1	R18	Std	10k	Resistor, Chip, Std
1	R8	Std	10k	Resistor, Chip, Std
1	R21	Std	35.7k	Resistor, Chip, Std
1	R1	Std	36.5k	Resistor, Chip, Std
1	R11	Std	43.2k	Resistor, Chip, Std
1	R23	Std	45.3k	Resistor, Chip, Std
2	R15	Std	49.9	Resistor, Chip, Std
	R22	Std	49.9	Resistor, Chip, Std
1	R29	Std	49.9	Resistor, Chip, Std
1	R16	Std	191k	Resistor, Chip, Std
1	R13	Std	200k	Resistor, Chip, Std
1	R9	Std	332k	Resistor, Chip, Std
1	R10	Std	976	Resistor, Chip, Std
1	R28	Std	DNP	Resistor, Chip, Std
3	R14	Std	DNP	Resistor, Chip, Std
	R20	Std	DNP	Resistor, Chip, Std
	R25	Std	DNP	Resistor, Chip, Std
1	R30	Std	0	Resistor, Chip, Std
1	R12	Std	10	Resistor, Chip, Std

1	R4	Std	130	Resistor, Chip, Std
1	R3	Std	DNP	Resistor, Chip, Std
2	R6	Std	510k	Resistor, 1/4 wa Std
	R7	Std	510k	Resistor, 1/4 wa Std
1	R5	STD	24.9k	Resistor, Chip, STD
1	R27	STD	0.56	Resistor, Chip, STD
3	J1	ED555/2DS	ED555/2DS	Terminal Block, OST
	J2	ED555/2DS	ED555/2DS	Terminal Block, OST
	J3	ED555/2DS	ED555/2DS	Terminal Block, OST
2	TP1	33-x-0x-xx-00-00-0; 3233-x-0x-xx-00-00-0x-0		Plated Through Mill-Max
	TP2	33-x-0x-xx-00-00-0; 3233-x-0x-xx-00-00-0x-0		Plated Through Mill-Max
1	U5	TL431AIDBZ	TL431AIDBZ	IC, Precision Acc TI
1	U1	TL1963ADCQR	TL1963ADCQR	IC, 1.5A Low-N TI
10	TP3	5000	5000	Test Point, Re Keystone
	TP4	5000	5000	Test Point, Re Keystone
	TP5	5000	5000	Test Point, Re Keystone
	TP6	5000	5000	Test Point, Re Keystone
	TP7	5000	5000	Test Point, Re Keystone
	TP8	5000	5000	Test Point, Re Keystone
	TP9	5000	5000	Test Point, Re Keystone
	TP11	5000	5000	Test Point, Re Keystone
	TP12	5000	5000	Test Point, Re Keystone
	TP14	5000	5000	Test Point, Re Keystone
3	TP10	5001	5001	Test Point, Bla Keystone
	TP16	5001	5001	Test Point, Bla Keystone
	TP17	5001	5001	Test Point, Bla Keystone
1	U2	TPS54231D	TPS54231D	IC, 2A, 28V In TI
1	Q1	IRFBC30A	IRFBC30A	MOSFET, N-ch International Rectifier
1	U3	UCC28600D	UCC28600D	IC, Quasi-Reso Texas Instruments
1	T1	XFMR_G104114LF	700 uH	Transformer, FIGI
1	U4	FOD817A	FOD817A	IC, Optocouple Fairchild

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