

PMP5112_REVD BOM

COUNT	RefDes	Value	Description	Size	Part Number	Mfr
1	C1	0.47uF	CAP, PROPYLENE FILM, 630V	0.885 x 0.370 inch	ECQ-E6474KF	Panasonic
1	C11	100pF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H101K	TDK
1	C12	18pF	Capacitor, Ceramic, 50V, C0G, 5%	0603	C1608C0G1H180J	TDK
1	C13	2.2uF	Capacitor, Ceramic, 6.3V, X7R, 15%	0603	Std	Std
1	C15	0.47uF	Capacitor, Ceramic, 25V, X7R, 15%	0603	Std	Std
2	C2, C4	0.33uF	Capacitor, X2, 305V, 20%	0.354 x 0709 inch	B32922C3334M	Epcos
1	C3	0.1uF	Capacitor, X2, 305V, 20%	0.157 x 0.512 inch	B32921C3104M	Epcos
1	C5	1000uF	Capacitor, Aluminum, 180V, 10%	1.18 dia * 1.575 inch	LLS2Z102MELB	Nichicon
4	C6, C9, C10, C14	1000pF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H102K	TDK
2	C7, C100	0.1uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H104K	TDK
1	C8	100uF	Capacitor, Aluminum Electrolytic, 25V	0.315 inch	25V ZL 100uF 8 X 7	Rubycon
1	D1	RS3K-13	Diode, 3A, 800V	SMC	RS3K-13	Diodes Inc.
1	D100	12V	{Description}	{Size}	STD	STD
1	D2	KBP06G	Diode, Bridge Rectifier, 1.5A, 600V	0.580 x 0.145 inch	KBP06G	Diodes
1	D3	BAS21	Diode, Switching, 200-mA, 200-V, 330-mW	SOT23	BAS21	Zetex
1	D4	180V	Diode, Zener, 180-V	SMB	1SMB5955BT3	On Semi
1	D5	MMSD914	Diode, Switching, 100-V, 200-mA, 225-mW	SOD-123	MMSD914T1	On Semi
1	F1	1.6A/250V	Fuse, TR5 Series, 1.6A, 250V	0.335	3701160041	Wickmann
1	HS7	HS107	Heatsink, TO-220 Vertical-mount,	0.700 x 0.850 inch	HS107	Thermalloy
1	J2	22-15-2041	Connector, Low Profile	0.400 x 0.310 inch	22-15-2041	Molex
1	L1	390uH	Inductor, Radial Leaded	19.20 Dia. mm	CL-1420-390LF	GCI
1	L2	6.8mH	Inductor, Common Mode choke,	1.250 x 0.628 inch	GVTM0-682LF	Coiltronics
1	Q1	MMBT2907	Bipolar, PNP, 60V, 600mA	SOT23	MMBT2907LT1	On Semiconductor
1	Q100	FZT651	Trans, NPN Midium Power, 100V 1A	SOT223	FZT653	Zetex
1	Q2	MMBT3904	Bipolar, NPN, 40-V, 200-mA, 225-W	SOT23	MMBT3904LT1	On Semiconductor
1	Q3	SPP06N80C3	MOSFET, N-ch, 800-V, 6-A, 900-milliOhms	TO-220V	SPP06N80C3	Infineon
3	R1, R3, R5	64.9k	Resistor, 1/4 watt, 5%	1206	Std	Std
5	R10, R12, R13, R17, R22	100k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R100	49.9k	Resistor, 1/4 watt, 5%	1206	Std	Std
1	R11	221k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R16, R20	1k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R18	11.3k	Resistor, Chip, 1/16W, 1%	0603	Std	Std

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1	R19	4.99k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R2	30.1k	Resistor, Power, 1W, 1%	2512	STD	STD
1	R21	0.3	Resistor, Power, 1W, 5%	2512	STD	STD
1	R23	511	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R4	2	Resistor, Power, 1W, 1%	2512	STD	STD
2	R7, R15	1MEG	Resistor, 1/4 watt, 5%	1206	Std	Std
2	R8, R14	49.9k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R9	4.7	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	T1	370 uH	XFMR, SEPIC	1.220 X 1.122 inch	PA3092NL	Pulse
5	TP1, TP2, TP3, TP5, TP6	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
1	TP4	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone
1	U1	TLV431AIDBZ	IC, Low-Voltage Adjustable Shunt Regulator	SOT23-3	TLV431AIDBZ	TI
1	U2	UCC28810D	IC, TM LED Lighting Power Controller	SO8	UCC28810D	Texas Instruments

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