

Filename: PMP5212_REVA_bom.xls

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PMP5212_REVA BOM

COUNT	RefDes	Value	Description	Size	Part Number	Mfr
1	C1	0.068uF	Capacitor, Film, 275VAC, 20%	0.689 x 0.217 inch	ECQU2A683ML	Panasonic
1	C11	56uF	Capacitor, Aluminum Electrolytic, 35V	0.248 inch	35V ZL 56uF 6.3 X 11	Rubycon
1	C13	0.022uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H223K	TDK
1	C14	100pF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H101K	TDK
1	C2	22uF	Capacitor, Aluminum Electrolytic, 400V	12.5 x20 mm	EKXG401ELL220MK20S	United Chemicon
1	C3	0.01uF	Capacitor, Ceramic, 250V, COG, 10%	1206	Std	TDK
2	C4, C5	10uF	Capacitor, Ceramic, 16V, X7R, 15%	1206	Std	Std
1	C6	120uF	Capacitor, Aluminum Electrolytic, 16V	0.248 inch	16V ZL 120uF 6.3 X 11	Rubycon
3	C7, C10, C12	0.1uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H104K	TDK
1	C8	220pF	CAP 250VAC CERAMIC Y2/X1	0.236 x 0.315 inch	ECK-NVS221KB	Panasonic
1	D1	RH06-T	Diode, Bridge, 0.5-A, 600-V	MiniDIP	RH06-T	Diodes
1	D2	MURA160T3	Diode, Rectifier, 1A, 600V	SMA	MURA160T3	ON Semiconductor
1	D3	B3100	Diode, Schottky, 3-A, 100-V	SMC	B3100	Diodes Inc.
1	D4	MMSD914	Diode, Switching, 100-V, 200-mA, 225-mW	SOD-123	MMSD914T1	On Semi
1	D5	MBR0520L	Diode, Schottky, 0.5A, 20V	SOD-123	MBR0520L	Fairchild
1	F1	1A	Fuse, TR5 Series, 1A, 250V	0.335	3701100041	Wickmann
1	L2	10uH	Inductor, Power, 3A	0.350 x 0.300 inch	RFB0807-100L	Coilcraft
1	L3	54PR515-146	Inductor, AC-Line Common Mode Choke	0.539 x 0.606 inch	54PR515-146	Vitec
1	Q1	FQU2N60C	Trans, Nchan, 600V, 1.9A, 4.7 ohm	TO-220AB	FQU2N60C	Fairchild
1	R1	200k	Resistor, Chip, 1/4W, 5%	1210	Std	Std
1	R10	60.4k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R11	1k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R12	10k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R13	2k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R14	20k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R16	2.61k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R2, R4	3MEG	Resistor, 1/4 watt, 5%	1206	Std	Std
1	R3	1	Resistor, Chip, 1/16W, 5%	0805	Std	Std
1	R5	187k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R6	0	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R7	10	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R8	54.9k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R9, R15	100k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	T2	250 uH	Transformer, ±10% @100KHz	0.950 x 0.950 inch	58PR6941	Vitec Electronics Corp.
3	TP1, TP2, TP3	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	UCC28610D	IC, Flyback Green-Mode Controller	SO8	UCC28610D	TI
1	U2	H11A817A	IC, Optocoupler, 5300-V, 80-160% CTR	0.380 x 0.180 inch	H11A817A	Fairchild
1	U3	TL431IDBZ	IC, Precision Adjustable Shunt Regulator	SOT23-3	TL431IDBZ	TI

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