

Filename: PMP5250_REVA_bom.xls

Date: 01/29/2010

PMP5250_REVA BOM

COUNT	RefDes	Value	Description	Size	Part Number	Mfr
4	C1, C2, C10, C11	0.1uF	Capacitor, Ceramic, 100V, X7R, 15%	0805	STD	STD
1	C12	1uF	Capacitor, Ceramic, 16V, X7R, 10%	0603	STD	STD
1	C13	1500pF	CAP, CERM DISC Y1, 250Vac, 20%	.500 X .310	ECKDNA152ME	Panasonic
3	C14, C16, C19	0.1uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H104K	TDK
1	C15	56uF	Capacitor, Aluminum Electrolytic, 35V	0.248 inch	35V ZL 56uF 6.3 X 11	Rubycon
1	C17	0.01uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H102K	TDK
1	C18	100pF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H101K	TDK
1	C20	10uF	Capacitor, Ceramic, 10V, X7R, 15%	0805	STD	STD
1	C3	DNP	Do Not Populate	0603	N/A	N/A
1	C4	47uF	Capacitor, Aluminum Electrolytic, 400V	16 x 31.5 mm	EEUEB2G470	Panasonic
1	C5	0.01uF	Capacitor, Polyester Film, 250V, 10%	0.311 x 0.213 inch	ECQ-E2103KB	Panasonic
1	C6	0.22 uF	Capacitor, Film, 250VAC, 20%	0.689 x 0.217	ECQU2A224MV	Panasonic
2	C7, C8	2.2uF	Capacitor, Ceramic, 100-V, X7R, 20%	1210	C3225X7R2A225M	TDK
1	C9	100uF	Capacitor, Aluminum Electrolytic, 100V	0.315 inch	100V ZL 100uF 10 X 23	Rubycon
1	D1	MBRS3100	Diode, Schottky, 3-A, 100-V	SMC	MBRS3100	Diodes Inc
1	D10	MBR0520L	Diode, Schottky, 0.5A, 20V	SOD-123	MBR0520L	Fairchild
1	D11	33V	Diode, Zener, 33-V	SOT23	MMBZ5257BLT1	ON Semiconductor
1	D2	P0722S	Diode, Transient Voltage Suppressor	0.155 x 0.180 inch	P0722S	STD
3	D3, D4, D6	GREEN	Diode, LED, Green	0805	597-5311-407F	Dialight
1	D5	DF04S	Bridge Rectifier, 400V, 1A, SMD	DF-S	DF04S	Diodes
1	D7	MURA160T3	Diode, Rectifier, 1A, 600V	SMA	MURA160T3	ON Semiconductor
1	D8	MURD330	Diode, Fast Recovery, 3A, 300V	DPAK	MURD330	ON Semi
1	D9	BAS21	Diode, Switching, 200-mA, 200-V, 330-mW	SOT23	BAS21	Zetex
1	F1	2A	Fuse, TR5 Series, 2A, 250V	0.335	3701200041	Wickmann
2	J1, J2		Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25"	ED1514	OST
1	L1	2.8mH	Inductor, 0.5A, 1ohm	0.433 x 0.670 inch	UU9.8V-282LF	GCI
1	L2	22uH	Inductor, Power, 2.1A	0.350 x 0.300 inch	RFB0807-220L	Coilcraft
1	Q1	FCD5N60	MOSFET, N-ch, 600V, 4.6A, 0.8 ohm	DPAK	FCD5N60	Fairchild
1	R1	0.33	Resistor, xx milliOhm, 1W, yy%	2512	STD	STD
3	R12, R14, R16	249	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R13	200k	Resistor, Chip, 1-W, 5%	2512	Std	Std
2	R15, R17	3MEG	Resistor, 1/4 watt, 5%	1206	Std	Std
1	R18	3	Resistor, Chip, 1/16W, 5%	0805	Std	Std
1	R19	174k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
3	R2, R25, R27	100k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R20	59.0k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R21	49.9k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R22	69.8k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R23	1k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R24	1.5k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R26	20k	Resistor, Chip, 1/16W, 1%	0603	Std	Std

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1	R28	4.53k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R3	1	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R4	2.74k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R5, R29	10k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R6	18.2k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
5	R7, R8, R9, R10, R11	100	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	RT1	5 Ohms	Thermistor, NTC, 5 Ohms, 5-A	0.590 x 0.276	CL-150	GE Thermometrics
1	T1	190 uH	Transformer, Flyback 10%	26.00 X 27.00 mm	G094342LF	GCI
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	DNP	Do Not Populate	TSSOP	N/A	N/A
1	U2	TPS79850DGN	IC, LDO Micropower Linear Regulator	HTSSOP-8	TPS79850DGN	TI
1	U3	UCC28610D	IC, Flyback Green-Mode Controller	SO8	UCC28610D	TI
1	U4	H11A817A	IC, Optocoupler, 5300-V, 80-160% CTR	0.380 x 0.180 inch	H11A817A	Fairchild
1	U5	TL431AIDBZ	IC, Precision Adjustable Shunt Regulator	SOT23-3	TL431AIDBZ	TI

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