Filename: PMP5089_REVC_bom.xls
Date: 09/22/2009

PMP5089_REVC BOM

COUNT	RefDes	Value	Description	Size	Part Number	Mfr
1	C1	82uF	Capacitor, Aluminum, 385V	0.886 Dia.	ECOS2TP820BA	Panasonic
2	C10, C13	100pF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H101K	TDK
1	C100	4700pF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H472K	TDK
2	C11, C14	0.047uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H473K	TDK
1	C15	1500pF	CAP, CERM DISC Y1, 250Vac, 20%	.500 X .310	ECKDNA152ME	Panasonic
1	C16	1uF	Capacitor, Ceramic, 16V, X7R, 20%	0603	C1608X7R1C105M	TDK
1	C2	0.01uF	Capacitor, Polyester Film, 250V, 10%	0.311 x 0.213 inch	ECQ-E2103KB	Panasonic
1	C3	0.22 uF	Capacitor, Film, 250VAC, 20%	0.689 x 0.217	ECQU2A224MV	Panasonic
5	C4, C5, C6, C17, C18	22uF	Capacitor, Ceramic, 16V, X7R, 20%	1210	C3225X7R1C226MT	TDK
1	C7	470uF	Capacitor, Aluminum Electrolytic, 16V	0.315 inch	16V ZL 470uF 10 X 12.5	Rubycon
2	C8, C12	0.1uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H104K	TDK
1	C9	47uF	Capacitor, Aluminum Electrolytic, 25V	0.200 * 0.435 inch	25V ZL 47uF 5 X 11	Rubycon
1	D1	DF04M	Diode, Bridge, 1-A, 400-V	DIP6	DF04M	Diodes Inc
1	D3	MMSD914	Diode, Switching, 100-V, 200-mA, 225-mW	SOD-123	MMSD914T1	On Semi
1	D4	BAV99	Diode, Dual Ultra Fast, Series, 200-mA, 70-V	SOT23	BAV99	Fairchild
1	D5	MBRB20100CT	Diode, Schottky Barrier Rectifier, 20A, 100V	D2PAK	MBRB20100CT	ON Semiconductor
1	D6	MURA160T3	Diode, Rectifier, 1A, 600V	SMA	MURA160T3	ON Semiconductor
1	F1	2A	Fuse, TR5 Series, 2A, 250V	0.335	3701200041	Wickmann
1	J2		Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25""	ED1514	OST
1	L1	10uH	Inductor, SMT, 4A, 35milliohm	0.402 x 0.394 inch	MSS1038-103NL	Coilcraft
1	L2	5mH	Inductor, 0.5A, 1.2ohm	0.670 x 0.748 inch	UU10.5V-502LF	GCI
1	Q1	SPP11N60C3	Trans, Cool MOS Power Nchan, 650V, 11A, 380 millohm	TO-220AB	SPP11N60C3	Infineon
2	Q6, Q7	2N7002	MOSFET, N-ch, 60-V, 115-mA, 1.2-Ohms	SOT23	2N7002	Diodes
2	R1, R4	499k	Resistor, Chip, 1/4W, 5%	1210	Std	Std
4	R10, R12, R16, R19	10k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R100	0.33	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R11, R101	1k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R13	1.65k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R15	0.36	Resistor, Chip, 1/4W, 5%	1210	Std	Std
1	R17	2.61k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R2, R3	100k	Resistor, Chip, 1-W, 5%	2512	Std	Std
1	R22	301k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R6, R20	100k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R8	0	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R9	33.2k	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	525 uH	Transformer, Flyback	26.00 X 27.00 mm	G094244LF	GCI
6	TP1, TP2, TP3, TP5, TP6, TP7	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	UCC28600D	IC, Quasi-Resonant Flyback Green Mode Controller	SO8	UCC28600D	Texas Instruments
2	U2, U4	H11A817A	IC, Optocoupler, 5300-V, 80-160% CTR	0.380 x 0.180 inch	H11A817A	Fairchild
1	U3	TL431AIDBZ	IC, Precision Adjustable Shunt Regulator	SOT23-3	TL431AIDBZ	TI

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