Filename: PMP5192_REVB_bom.xls
Date: 11/16/2009

PMP5192_REVB BOM

COUNT	RefDes	Value	Description	Size	Part Number	Mfr
2	C1, C2	4.7uF	Capacitor, Aluminum, 400V	0.315 inch	UVR2G4R7MPA	Nichicon
1	C100	100pF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H101K	TDK
1	C11	1000pF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H102K	TDK
1	C3	DNP	Do Not Populate	N/A	Std	N/A
3	C4, C8, C101	22uF	Capacitor, Ceramic, 16V, X7R, 20%	1210	C3225X7R1C226MT	TDK
1	C5	330uF	Capacitor, Aluminum Electrolytic, 6.3V	0.248 inch	6.3V ZL 330uF 6.3 X 11	Rubycon
1	C6	0.1uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H104K	TDK
1	C7	470pF	CAP 250VAC CERAMIC Y2/X1	0.236 x 0.315 inch	ECK-NVS471KB	Panasonic
2	C9, C10	0.047uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H473K	TDK
1	D1	MBRA140LT3	Diode, Schottky, 1-A, 40-V	SMA	MBRA140LT3	ON Semi
1	D2	DNP	Do Not Populate	SMA	N/A	N/A
1	D3	RH06-T	Diode, Bridge, 0.5-A, 600-V	MiniDIP	RH06-T	Diodes
1	D4	MMSD914	Diode, Switching, 100-V, 200-mA, 225-mW	SOD-123	MMSD914T1	On Semi
1	L1	1mH	Inductor, Power, 0.25A, 3.4 Ohms	0.350 x 0.300 inch	RFB0807-102L	Coilcraft
1	L2	10uH	Inductor, SMT, 1.1A, 160milliohm	0.26x0.09 inch	DO1608C-103ML	Coilcraft
1	Q1	FQD1N80	MOSFET, N-ch, 800V, 1A, 20 ohm	DPAK	FQD1N80	Fairchild
1	R1	10	Resistor, Fusible Power, 1W	0.300 X 0.100 inch	NFR0100001009JR500	Vishay
1	R10	3.32k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R100	0.5	Resistor, Chip, 1/16W, 5%	0805	Std	Std
1	R11	1.50k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R12	5.1	Resistor, Chip, 1/16W, 5%	0805	Std	Std
1	R2	DNP	Do Not Populate	1210	N/A	N/A
2	R3, R4	1MEG	Resistor,1/4 watt, 5%	1206	Std	Std
1	R5	121k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R6	1k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R7, R8	10k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R9	34.8k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	T1	5.6 mH	Transformer, Quasi-Resonant	14.00 x 14.00 mm	G094279LF	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	UCC28600D	IC, Quasi-Resonant Flyback Green Mode Controller	SO8	UCC28600D	Texas Instruments
1	U2	H11A817A	IC, Optocoupler, 5300-V, 80-160% CTR	0.380 x 0.180 inch	H11A817A	Fairchild
1	U3	TLV431A	IC, Low-Voltage Adjustable Shunt Regulator	SOT23-3	TLV431AIDBZ	TI

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