

Date: 08/19/2010		PMP5847_REVB BOM				
COUNT	RefDes	Value	Description	Size	Part Number	MFR
1	C3	33uF	Capacitor, Alum, 100V, 0.2Arms, 20%	0.457 x 0.406	EEVFK2A330P	Panasonic
1	C14	0.033uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	Std	Std
1	C8	0.1uF	Capacitor, Ceramic, 50V, X7R, 15%	0603	std	std
1	C10	0.22uF	Capacitor, Ceramic, 50V, X7R, 15%	0603	std	std
1	C11	1uF	Capacitor, Ceramic, 16V, X7R, 20%	0603	std	std
2	C9, C12	220pF	Capacitor, Ceramic, 50V, NPO, 15%	0603	std	Std
1	C13	47pF	Capacitor, Ceramic, 50V, COG, 10%	0603	Std	Std
1	C5	0.1uF	Capacitor, Ceramic, 0.1uF, 100V, X7R, 20%	0805	Std	Std
2	C2, C7	10uF	Capacitor, Ceramic, 16V, X7R, 15%	1206	C3216X7R1C106MT	TDK
1	C4	1uF	Capacitor, Ceramic, 100V, X7R, 15%	1206	C3216X7R2A105MT	TDK
1	D2	ES1D	Diode, Super Fast Rectifier, 200V, 1A	0.220 x 0.115 inch	ES1B	Diodes Inc.
1	D1	B140	Diode, Schottky, 1A, 40V	SMA	B140	Diodes Inc.
1	D5	B160	Diode, Schottky, 1A, 60V	SMA	B140	Diodes Inc.
1	D6	33V	Diode, Zener, 33V, 225-mW	SOT23	BZX84C33LT1	ON Semi
2	D3, D7	6.8V	Diode, Zener, 6.8V, 225-mW	SOT23	BZX84C6V8LT1	ON Semi
1	D4	BAS16	Diode, Switching, 200mA, 85V, 350mW	SOT23	BAS16LT1	On Semi
2	Q1, Q3	MMBTA06LT1	Bipolar, NPN, 80V, 500mA	SOT23	MMBTA06LT1	ON Semi
1	Q2	Si3440DV	MOSFET, N-ch, 150V, 1.5A, 375 milliOhms	TSOP-6	Si3440DV	Vishay
1	R10	4.7	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R16	49.9	Resistor, Chip, 1/16W, 1%	0603	std	std
3	R4, R9, R12	100K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R14, R15	10K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R11	1K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R7	249K	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R8	30.1k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R17	953	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R6	0	Resistor, Chip, 1/16W, 1%	0805	Std	Std
1	R13	0.2	Resistor, Chip, 1/16W, 5%	0805	Std	Std
1	R2	49.9K	Resistor, Chip, 1/16W, 1%	0805	Std	Std
1	T1	88uH	XFMR, flyback, 1 Pri, 2 sec	0.525"x0.420"	PA3277NL	Pulse
1	U1	TPS40210DGQ	IC, Low Cost, Boost Controller	DGQ	TPS40210DGQ	TI
MISC						
3	J1, J2, J3	ED1514	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25	ED1514	OST
8	TP1, TP2, TP5, TP7, TP8, TP9, TP10, TP12	5000	Test Point, Red, Thru Hole Color Keyed	0.1 x 0.1"	5000	Keystone
4	TP3, TP4, TP6, TP11	5001	Test Point, Black, Thru Hole Color Keyed	0.1 x 0.1"	5001	Keystone
2	C1, C6	DNP	Do Not Populate	0603	N/A	N/A

3	R1, R3, R5	DNP	Resistor, Chip, 1/16W, x%	0805	Std	Std
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