

Date: 12/20/2010		<b>PMP6545_REVA BOM</b>				
<b>COUNT</b>	<b>RefDes</b>	<b>Value</b>	<b>Description</b>	<b>Size</b>	<b>Part Number</b>	<b>MFR</b>
1	C15	0.01uF	Capacitor, Ceramic, 50V, X7R, 15%	0603	std	std
1	C13	0.22uF	Capacitor, Ceramic, 16V, X7R, 10%	0603	std	std
2	C5, C11	1uF	Capacitor, Ceramic, 16V, X7R, 10%	0603	std	std
2	C12, C14	270pF	Capacitor, Ceramic, 50V, NPO, 5%	0603	std	std
1	C16	27pF	Capacitor, Ceramic, 50V, NPO, 15%	0603	std	std
3	C7, C8, C9	22uF	Capacitor, Ceramic, 22uF, 16V, X7R, 20%	1210	C3225X7R1C226M	TDK
3	C2, C4, C6	3.3uF	Capacitor, Ceramic, 100V, X7R, 20%	1210	C3225X7R2A335M	TDK
1	D1	MBRS3201T3	Diode, Schottky, 3A, 200V	SMC	MBRS3201T3	On Semi
1	D100	10V	Diode, Zener, 500mW, 10V	SOD123	MMSZ5240BT1	On Semi
1	D101	BAS16	Diode, Switching, 150-mA, 75-V, 350mW	SOT23	BAS16	Diodes Inc.
1	D102	BAS20	Diode, Switching, 200mA, 200V, 350mW	SOT23	BAS20	Diodes Inc.
2	D3, D4	6.8V	Diode, Zener, 500mW, 6.8V	SOD123	MMSZ5235BT1	On Semi
1	L1	47uH	Inductor, Dual, 47uH, 2.95A, 71.9 milliohm	0.492 x 0.492 inch	DRQ127-470-R	Cooper
1	Q1	FDMS86200	MOSFET, NCh, 150V, 35A, 18 milliohm	POWER 56	FDMS86200	Fairchild
1	Q100	ZVN3320F	MOSFET, N-ch, 150V, 60mA, 25 Ohms	SOT23	ZVN3320F	Diodes Inc.
2	Q2, Q4	MMBT2222A	Bipolar, NPN, 40V, 600mA	SOT23	MMBT2222ALT1	ON Semi
1	Q3	MMBT2907	Bipolar, PNP, 60V, 600mA	SOT23	MMBT2907LT1	On Semi
1	R3	3.9	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R100	10	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R10	49.9	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R12	100K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R4	1K	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R6	23.7K	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R11	3.09K	Resistor, Chip, 1/16W, 1%	0603	std	std
2	R7, R8	30.1K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R2	309K	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R9	49.9K	Resistor, Chip, 1/16W, 1%	0603	std	std
1	R101	100K	Resistor, Chip, 1/16W, 1%	0805	Std	Std
1	R5	0.033	Resistor, 1/4W, 5%	1210	Std	Std
1	U1	TPS40210	IC, 4.5V-52V, Current Mode Controller	DGQ10	TPS40210DGQ	TI
<b>MISC</b>						
2	J1, J2	D120/2DS	Terminal Block, 2-pin, 15-A, 5.1mm	0.40 x 0.35 inch	D120/2DS	OST
2	TP1, TP4	5010	Test Point, Red, Thru Hole	0.125 x 0.125 inch	5010	Keystone
3	TP2, TP5, TP8	5011	Test Point, Black, Thru Hole	0.125 x 0.125 inch	5011	Keystone
1	TP3	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
2	TP6, TP7	5002	Test Point, White, Thru Hole Color Keyed	0.100 x 0.100 inch	5002	Keystone

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