

Filename: PMP5610REVD_bom.xls							
Date: 12/02/2010							
<b>PMP5610REVD BOM</b>							
COUNT	RefDes	Value	Description	Size	Part Number	MFR	Area
1	C1	100nF	Capacitor, Ceramic, 10V, X5R	0603	Std	Std	5650
3	C2	10uF	Capacitor, Ceramic, 10-uF, 16-V, X7R, 15%	1206	Std	Std	15390
1	C3	4.7uF	Capacitor, Ceramic, 50V, X7R	1210	Std	Std	83,600
1	C4	180pF	Capacitor, Ceramic, 25V, NPO, 5%	0603	Std	Std	5650
1	C5	10nF	Capacitor, Ceramic, 25V, X5R, 20%	0603	Std	Std	5650
1	C6	4.7nF	Capacitor, Ceramic, 25V, X5R, 10%	0603	Std	Std	5650
	C7	10uF	Capacitor, Ceramic, 10-uF, 16-V, X7R, 15%	1206	Std	Std	15390
	C8	10uF	Capacitor, Ceramic, 10-uF, 16-V, X7R, 15%	1206	Std	Std	15390
1	D1	B160-13	Diode, Schottky, xx-mA, yy-V	SMA	STD	STD	29520
3	J1	ED1514	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25"	ED1514	OST	75525
	J2	ED1514	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25"	ED1514	OST	75525
	J3	ED1514	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25"	ED1514	OST	75525
1	J4	PEC03SAAN	Header, Male 3-pin, 100mil spacing,	0.100 inch x 3	PEC03SAAN	Sullins	30000
1	L1	47uH	Inductor, SMT, 800mArms, 245milliohm	0.260 x 0.260 inch	LPS6235-473MLC	Coilcraft	102400
1	L2	2.2uH	Inductor, SMT, 1.1Arms, 110milliohm	0.118 x 0.118 inch	LPS3015-222MLC	Coilcraft	26,560
1	R1	49.9	Resistor, Chip, 1/16W, 1%	0603	Std	Std	9100
2	R2	52.3k	Resistor, Chip, 1/16W, 1%	0603	Std	Std	9100
	R3	52.3k	Resistor, Chip, 1/16W, 1%	0603	Std	Std	9100
1	R4	237k	Resistor, Chip, 1/16W, 1%	0603	Std	Std	9100
1	R5	10.0k	Resistor, Chip, 1/16W, 1%	0603	Std	Std	9100
2	TP1	5012	Test Point, White, Thru Hole	0.125 x 0.125 inch	5012	Keystone	10
3	TP3	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone	10
	TP4	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone	10
4	TP5	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone	10
1	TP6	5013	Test Point, Orange, Thru Hole	0.125 x 0.125 inch	5013	Keystone	10
	TP7	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone	10
1	TP8	5014	Test Point, Yellow, Thru Hole	0.125 x 0.125 inch	5014	Keystone	10
	TP9	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone	10
	TP10	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone	10
	TP11	5012	Test Point, White, Thru Hole	0.125 x 0.125 inch	5012	Keystone	10
	TP12	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone	10

1	U1	TPS54060QDGQRQ1	IC,DC-DC Converter, 60V, 500mA	MSOP-10	TPS54060DGQ	TI	40500
1	U2	TPS62262DRV	IC, 2.25MHz 600mA Step-Down Converter	SON-6[DRV]	TPS62262DRV	TI	20736
Notes:	1. These assemblies are ESD sensitive, ESD precautions shall be observed.						
	2. These assemblies must be clean and free from flux and all contaminants.						
	Use of no clean flux is not acceptable.						
	3. These assemblies must comply with workmanship standards IPC-A-610 Class 2.						
	4. Ref designators marked with an asterisk (***) cannot be substituted.						
	All other components can be substituted with equivalent MFG's components.						

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