

Filename: PMP5701REVA_BILLOFMATERIALS_bom.xls						
Date: 05/05/2011						
PMP5701REVA_BILLOFMATERIALS BOM						
COUNT	RefDes	Value	Description	Size	Part Number	MFR
1	C1	100nF	Capacitor, Ceramic, 25V, X7R, 10%	0603	Std	TDK
1	C2	1uF	Capacitor, Ceramic, 16V, X7R, 15%	0603	C1608X7R1C105K	TDK
1	C6	100pF	Capacitor, Ceramic, 100V, X7R	0603	Std	Std
1	C9	56pF	Capacitor, Ceramic, 50V, NP0/C0G	0603	Std	TDK
1	C12	22nF	Capacitor, Ceramic, 25V, X7R, 10%	0603	Std	TDK
2	C10 C101	10nF	Capacitor, Ceramic, 50V, X7R, 10%	0603	Std	TDK
2	C13-14	100nF	Capacitor, Ceramic, 100V, X7R	0805	C2012X7R2A104M	TDK
2	C3-4	100uF	Capacitor, Ceramic, 6.3V, X5R, 15%	1210	C3225X5R0J107K	TDK
2	C7-8	4.7uF	Capacitor, Ceramic, 50V, 4.7-uF, X7R, 15%	1210	C3225X7R1H475K	TDK
1	D2	B260	Diode, Schottky, 2A, 60V	SMB	B260	Diodes Inc.
2	J1-2	ED555/2DS	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25 inch	ED555/2DS	OST
1	L1	3.3uH	Inductor, SMT, 3.94Arms, 18.3-milliohm	0.300 sq"	DR74-3R3-R	Coiltronics
1	L2	33uH	Inductor, SMT, 1.66A, 84milliohm	0.402 x 0.394 inch	MSS1048-333L	Coilcraft
1	R1	24.3K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R2	10	Resistor, Chip, 1/10W, yy%	0805	Std	Std
1	R8	49.9	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R10	31.6K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R11	10K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R13	86.6K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R100	1Meg	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R3 R12	348K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	TP10	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone
2	TP13-14	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
1	U1	TPS54160DGQ	IC,DC-DC Converter, 3V-60V, 1.5A	MSOP-10	TPS54160DGQ	TI
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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