

Filename: PMP5691RevB_bom.xls						
Date: 06/09/2011						
PMP5691RevB BILLOFMATERIALS BOM						
COUNT	RefDes	Value	Description	Size	Part_Number	MFR
1	C1	100nF	Capacitor, Ceramic, 10V, X5R, 15%	0402		TDK
1	C4	1uF	Capacitor, Ceramic, 16V, 1-uF, X7R, 15%	0603	C1608X7R1C105M	TDK
1	C5	220uF	Capacitor, Aluminum Electrolytic, 25V, ±20%	0.328 x 0.390 inch	EEEFK1E221P, size F	Panasonic
1	C9	2.2pF	Capacitor, Ceramic, 50V, NP0/C0G	0603	GRM39yyyxxxKvVV A	TDK
1	C10	22nF	Capacitor, Ceramic, Low Inductance, 25V, X7R	0603		std
1	C12	100nF	Capacitor, Ceramic, Low Inductance, 25V, X7R	0603		std
4	C2-3 C7-8	22uF	Capacitor, Ceramic, 16V, 22-uF, X7R, 15%	1210	C3225X5R1E106M	TDK
1	D2	B130	Diode, Schottky, 1A, 30V	SMA	B130	Diodes Inc.
1	J1	ED555/3DS	Terminal Block, 3-pin, 6-A, 3.5mm	0.41 x 0.25 inch	ED555/3DS	OST
1	JP1	PTC36SAAN	Header, 2-pin, 100mil spacing, (36-pin strip)	0.100 inch x 2	PTC36SAAN	Sullins
1	L1	100uH	Inductor, SMT, 540mAsat, 358milliOhms	0.287 x 0.287 inch		Coilcraft
1	R1	127k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R2	169k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R3	226k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R5	61.9k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R8	49.9	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R10	13k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R11	2.43k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
3	TP10 TP12 TP16	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone
6	TP1-4 TP13-14	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
1	U1	TPS54040DGQ	IC, Swift DC-DC Converter With Eco-Mode, 0.5A, 42V	MSOP-10	TPS54040DGQ	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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