

Date: 11/30/2009						
<b>PMP4677REVC BOM</b>						
COUNT	RefDes	Value	Description	Size	Part Number	MFR
1	C1	10 uF	Capacitor, Ceramic, 10-V, X5R, 15%	0805	C2012X5R1A106M	TDK
1	C2	47pF	Capacitor, Ceramic, vvV, [temp], [tol]	0603	GRM39yyyxxxKvvvA	muRata
1	C3	1 uF	Capacitor, Ceramic, 100V, 15%	1206	C3216X7R2A105M	TDK
1	C4	0.22uF	Capacitor, Ceramic, 220nF, 100V, X7R,	0805	Std	Std
2	D1	MMSD914T1	Diode, Switching, 100-V, 200-mA, 225-mW,	SOD-123	MMSD914T1	On Semi
2	D2	BAS16	Diode, Switching, 200-mA, 85-V, 350mW	SOT23	BAS16	On Semi
	D3	BAS16	Diode, Switching, 200-mA, 85-V, 350mW	SOT23	BAS16	On Semi
	D4	MMSD914T1	Diode, Switching, 100-V, 200-mA, 225-mW,	SOD-123	MMSD914T1	On Semi
2	J1		Header, 2-pin, 100mil spacing, (36-pin strip)	0.100 x 2"	PTC36SAAN	Sullins
	J2		Header, 2-pin, 100mil spacing, (36-pin strip)	0.100 x 2"	PTC36SAAN	Sullins
1	JP1		Header, 3-pin, 100mil spacing, (36-pin strip)	0.100 x 3"	PTC36SAAN	Sullins
1	L1	33uH	Inductor, SMT, 440mA, 216-milliohm	0.200 x 0.200 inch	MSS5131-333MLC	Coilcraft
1	Q1	FMMT491	TRANSISTOR, NPN, HIGH-PERFORMANCE, 500mA	SOT-23	FMMT491	Zetex
1	R1	2.2M	Resistor, Chip, 1/10W, 1%	0805	Std	Std
1	R2	56.2K	Resistor, Chip, 56.2k-Ohms, 1/16-W, 1%	0603	Std	Std
1	R3	100	Resistor, Chip, 1/16W, yy%	0603	Std	Std
1	R4	100	Resistor, Chip, 1/16W, 100 Ohm	0603	Std	Std
1	R5	825	Resistor, Chip, 1/10W, 1%	0805	Std	Std
1	R6	909	Resistor, Chip, 909-Ohms, 1/16-W, 1%	0603	Std	Std
1	U1	TPS61040DBV	IC, High Efficiency Boost Converter	SOT23-5 (DBV)	TPS61040DBV	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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