

Filename: PMP3994_REVA_bom.xls						
Date: 08/14/2008						
PMP3994_REVA BOM						
COUNT	RefDes	Value	Description	Size	Part Number	MFR
6	C1, C2, C3, C4, C5, C6	22uF	Capacitor, Ceramic, 22uF, 16V, X5R, 10%, 1210	1210	Std	Std
1	C10	1000pF	Capacitor, Ceramic, 1000pF, 6.3V, X7R, 10%, 0402	0402	Std	Std
1	C11	4.7uF	Capacitor, Ceramic, 4.7uF, 6.3V, X5R, 10%, 0603	0603	Std	Std
2	C12, C13	Open	Capacitor, Aluminum, 4 V, ± 20%	10.0 x 12.5 mm	FP-4R0RE122M-R7R	Fujitsu
1	C7	0.1uF	Capacitor, Ceramic, 0.1uF, 16V, X7R, 10%, 0402	0402	Std	Std
1	C8	820uF	Capacitor, OS CON, 820uF, 2.5V, 0.005 Ohms, E9 Size	0.315 inch	2SEPC820MY	Sanyo
1	C9	10uF	Capacitor, Ceramic, 10uF, 6.3V, X5R, 10%, 0603	0603	Std	Std
1	J1	D120/2DS	Terminal Block, 2-pin, 15-A, 5.1mm	0.40 x 0.35 inch	D120/2DS	OST
2	J2, J3	33457	Lug, Solderless, #10 - #10-12 AWG, Copper/Tin, Uninsulated	0.375 x1.00 inch	33457	AMP
1	J4	ED555/2DS	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25 inch	ED555/2DS	OST
2	J5, J6	PTC36SAAN	Header, 2-pin, 100mil spacing, (36-pin strip)	0.100 inch x 2	PTC36SAAN	Sullins
1	L1	0.9uH	Inductor, SMT, 0.9uH, 33A, 0.74mOhms	0.790 x 0.770 inch	SER2009-901MLD	Coilcraft
2	Q1, Q2	AOD4120	MOSFET, N-Ch, 20V, 25A, 0.022 Ohms, TO-252	TO-252	AOD4120	Alpha Omega
2	Q3, Q4	NTMFS4834N	MOSFET, N-Ch, 30V, 130A, 0.004 Ohms, SO-8 Flat Lead	PWRPAK S0-8	NTMFS4834N	On Semi
1	R1	0	Resistor, Chip, 0.0 Ohms, 0402	0402	Std	Std
1	R2	9.09K	Resistor, Chip, 9.09K Ohms, 1%, 0402	0402	Std	Std
1	R3	20K	Resistor, Chip, 20K Ohms, 1%, 0402	0402	Rtop	Std
3	R4, R5, R7	100K	Resistor, Chip, 100K Ohms, 1%, 0402	0402	Rbot1	Std
2	R6, R8	10K	Resistor, Chip, 10K Ohms, 1%, 0402	0402	Std	Std
4	TP1, TP4, TP6, TP8	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
4	TP2, TP3, TP5, TP7	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone
1	U2	SN0803030RHL	IC, Synchronous Switcher Controller For VGA Power	QFN-20	SN0803030RHL	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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