

Filename: PMP2993_REVA_bom.xls						
Date: 10/10/2007						
PMP2993_REVA BOM						
COUNT	RefDes	Value	Description	Size	Part Number	MFR
3	C1, C2, C3	22uF	Capacitor, POSCAP, 22uF, 25V, 0.045 Ohms, 20%, Case D2	7343(D)	25TQC22MV	Sanyo
2	C10, C11	1uF	Capacitor, Ceramic, 1uF, 6.3V, X5R, 10%, 0402	0402	Std	Std
1	C4	1uF	Capacitor, Ceramic, 1uF, 25V, X5R, 10%, 0603	0603	Std	Std
1	C5	0.1uF	Capacitor, Ceramic, 0.1uF, 16V, X7R, 10%, 0402	0402	Std	Std
3	C6, C7, C8	330uF	Capacitor, POSCAP, 2.0V, 0.007 Ohms, 20%, Case D2E	7343(D)	2TPF330M7	Sanyo
1	C9	10uF	Capacitor, Ceramic, 10uF, 6.3V, X5R, 10%, 0603	0603	Std	Std
2	J1, J2	PTC36SAAN	Header, 2-pin, 100mil spacing, (36-pin strip)	0.100 inch x 2	PTC36SAAN	Sullins
1	J3	ED1514	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25 inch	ED1514	OST
1	J4	{value}	Terminal Block, 2-pin, 32-A, 9.5mm	0.75 x 0.49 inch	ED1981	OST
1	L1	0.82uH	Inductor, SMT, 0.82uH, 27A, 0.0012 Ohms	0.504 x 0.560 inch	744355182	Wurth Elektronik
2	Q1, Q2	BSC080N03LSG	MOSFET, N-Ch, 30V, 30A, 0.012 Ohms, TDSON-8	TDSON-8	BSC080N03LSG	Infineon
2	Q3, Q4	BSC016N03LSG	MOSFET, N-Ch, 30V, 30A, 0.0023 Ohms, TDSON-8	TDSON-8	BSC016N03LSG	Infineon
2	R1, R5	10K	Resistor, Chip, 10K Ohms, 1%, 0402	0402	Std	Std
1	R2	100K	Resistor, Chip, 100K Ohms, 1%, 0402	0402	Std	Std
1	R3	232K	Resistor, Chip, 232K Ohms, 1%, 0402	0402	Std	Std
1	R4	301	Resistor, Chip, 301 Ohms, 1%, 0402	0402	Std	Std
1	R6	21.5K	Resistor, Chip, 21.5K Ohms, 1%, 0402	0402	Std	Std
1	R7	8.87K	Resistor, Chip, 8.87K Ohms, 1%, 0402	0402	Std	Std
3	TP1, TP2, TP5	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
3	TP3, TP4, TP6	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone
1	U1	TPS51117RGY	IC, Synchronous PWM Controller w/ Auto Skip Mode, QFN	QFN14	TPS51117RGY	Texas Instruments
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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