

Filename: PMP3866_REVA_bom.xls						
Date: 06/17/2008						
PMP3866_REVA BOM						
COUNT	RefDes	Value	Description	Size	Part Number	Mfr
6	C1, C2, C4, C5, C27, C28	10uF	Capacitor, Ceramic, 25V, X7R, 15%	1210	Std	TDK
2	C10, C16	1.0uF	Capacitor, Ceramic, 16V, X7R, 15%	0603	Std	TDK
4	C15, C18, C20, C21	1500pF	Capacitor, Ceramic, 50V, X7R, 15%	0402	Std	TDK
1	C17	4.7uF	Capacitor, Ceramic, 6.3V, X7R, 15%	0603	Std	TDK
2	C19, C22	150pF	Capacitor, Ceramic, 50V, X7R, 15%	0402	Std	TDK
2	C23, C24	330uF	Capacitor, POSCap, 10V, 20%	7343 (D)	10TPB330	Sayno
2	C25, C26	Open	Capacitor, OS CON, 16V, 15milliohm, 20%	10.3mm (F12)	16SVP330M	Sanyo
3	C3, C6, C29	0.1uF	Capacitor, Ceramic, 50V, X7R, 15%	0603	Std	TDK
7	C7, C8, C11, C12, C13, C14, C30	0.1uF	Capacitor, Ceramic, 16V, X7R, 15%	0402	Std	TDK
1	C9	10uF	Capacitor, Ceramic, 10V, X5R, 15%	0805	Std	TDK
3	D1, D2, D3	MBR0540	Diode, Schottky, 0.5A, 40V	SOD-123	MBR0540	On Semi
3	J1, J2, J3	ED555/2DS	ED555/2DS	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25 inch	OST
2	L1, L2	12uH	Inductor,	0.492 x 0.492 inch	831-02877	E&E Magnetic Products
2	Q1, Q2	FDS6982AS	FDS6982AS	MOSFET, Dual Nch, 30V, 8.6A/6.3 Q2/Q1,	SO8	Fairchild
2	R1, R7	0.027	WSL-2512-xx 1% R86	Resistor, Chip, 1W, xx%	2512	STD
4	R13, R14, R15, R16	0	Std	Resistor, Chip, 1/16W, 1%	402	Std
2	R17, R18	10.0K	Std	Resistor, Chip, 1/16W, 1%	402	Std
1	R19	40.2K	Std	Resistor, Chip, 1/16W, 1%	402	Std
4	R2, R4, R9, R10	2.00K	Std	Resistor, Chip, 1/16W, 0.1%	603	Std
2	R20, R30	49.9	Std	Resistor, Chip, 1/16W, 1%	402	Std
2	R21, R31	23.2K	Std	Resistor, Chip, 1/16W, 1%	402	Std
2	R22, R32	470	Std	Resistor, Chip, 1/16W, 1%	402	Std
1	R23	6.04K	Std	Resistor, Chip, 1/16W, 1%	402	Std
1	R24	78.7K	Std	Resistor, Chip, 1/16W, 1%	402	Std
1	R25	39.2K	Std	Resistor, Chip, 1/16W, 1%	402	Std
1	R26	10	Std	Resistor, Chip, 1/16W, 1%	402	Std
2	R27, R35	35.7K	Std	Resistor, Chip, 1/16W, 1%	402	Std
2	R28, R34	1.5M	Std	Resistor, Chip, 1/16W, 1%	402	Std
2	R29, R33	130K	Std	Resistor, Chip, 1/16W, 1%	402	Std

4	R3, R5, R6, R8	1.00K	Std	Resistor, Chip, 1/16W, 0.1%	603	Std
1	R36	3.65K	Std	Resistor, Chip, 1/16W, 1%	402	Std
1	R37	243	Std	Resistor, Chip, 1/16W, 1%	603	Std
1	R38	665	Std	Resistor, Chip, 1/16W, 1%	603	Std
10	TP1, TP3, TP4, TP5, TP6, TP7, TP8, TP9, TP10, TP11	5000	5000	Test Point, Red, Thru Hole	0.100 x 0.100 inch	Keystone
3	TP12, TP13, TP14	5001	5001	Test Point, Black, Thru Hole	0.100 x 0.100 inch	Keystone
1	U1	TPS40140RHH	TPS40140RHH	IC, 2 Phase, Stackable Controller	QFN-36	TI
1	U2	LM317M	IC, Voltage Regulator, Positive, 0.5-A, Adj		LM317M	
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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