

Filename: PMP2675REVB_bom.xls						
Date: 09/04/2008						
PMP2675REVB BOM						
COUNT	RefDes	Value	Description	Size	Part Number	MFR
1	C1	0.1uF	Capacitor, Ceramic, 25V, X7R, 10%	0603	Std	TDK
1	C2	100nF	Capacitor, Ceramic, 16V, X7R, 10%	0603	C1608X7R1C104K	TDK
1	C3	100uF	Capacitor, Ceramic, 6.3V, X5R, 15%	1210	C3225X5R0J107K	TDK
1	C4	OPEN	Capacitor, Ceramic, 6.3V, X5R, 15%	1210	C3225X5R0J107K	TDK
2	C5	OPEN	Capacitor, Ceramic, vvV, [temp], [tol]	0603	GRM39yyyxxxKvvvA	muRata
	C6	OPEN	Capacitor, Ceramic, vvV, [temp], [tol]	0603	GRM39yyyxxxKvvvA	muRata
2	C7	10uF	Capacitor, Ceramic, 25V, 10-uF, X7R, 15%	1210	C3225X7R1E106K	TDK
	C8	10uF	Capacitor, Ceramic, 25V, 10-uF, X7R, 15%	1210	C3225X7R1E106K	TDK
1	C9	56pF	Capacitor, Ceramic, 50V, NP0/C0G	0603	Std	TDK
1	C10	10nF	Capacitor, Ceramic, 50V, X7R, 10%	0603	Std	TDK
1	C12	0.015uF	Capacitor, Ceramic, 25V, X7R, 10%	0603	Std	TDK
2	C13	.1uF	Capacitor, Ceramic, Low Inductance, vvV, [temp], [tol]	0603	GRM39yyyxxxKvvvA	muRata
	C14	.1uF	Capacitor, Ceramic, Low Inductance, vvV, [temp], [tol]	0603	GRM39yyyxxxKvvvA	muRata
1	D2	MBRS230LT3	Diode, Schottky, 2A, 30V	SMB	MBRS230LT3	ONsemi
2	J1	ED555/2DS	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25 inch	ED555/2DS	OST
	J2	ED555/2DS	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25 inch	ED555/2DS	OST
1	L1	1uH	Inductor, SMT, 10A, 10-milliohm	0.300 sq"	DR74-1R0	Coiltronics
1	L2	33uH	Inductor, SMT, 1.66A, 84milliohm	0.402 x 0.394 inch	MSS1048-333L	Coilcraft
1	R1	24.3K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R2	OPEN	Resistor, Chip, 1/10W, yy%	0805	Std	Std
1	R3	432K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R8	49.9	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R10	31.6K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R11	10K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R12	76.8K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R13	28.0K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R100	1Meg	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	TP10	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone

2	TP13	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
	TP14	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
1	U1	TPS54160DGQ	IC,DC-DC Converter, 3V-60V, 1.5A	MSOP-10	TPS54160DGQ	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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