

Date: 09/14/2010

**PMP5573REVB BOM**

COUNT	RefDes	Value	Description	Size	Part Number	Mfr
1	C12	1uF	Capacitor, Ceramic, 25V, X5R, 20%	0603	Std	Std
4	C13, C14, C15, C16	100uF	Capacitor, Ceramic, 6.3V, X5R, 20%	1210	GRM32ER60J107ME20	muRata
1	C18	39pF	Capacitor, Ceramic, 50V, C0G, 5%	0603	Std	Std
2	C19, C20	1uF	Capacitor, Ceramic, 16V, X7R, 10%	0603	Std	Std
3	C2, C3, C4	22uF	Capacitor, Ceramic, 25V, X5R, 20%	1210	Std	Std
1	C29	2.7nF	Capacitor, Ceramic, 50V, X7R, 10%	1206	Std	Std
1	C30	2.7nF	Capacitor, Ceramic, 50V, X7R, 10%	0603	Std	Std
1	C31	47nF	Capacitor, Ceramic, 50V, X7R, 10%	0603	Std	Std
1	C6	330uF	Capacitor, Aluminum Electrolytic, 25V, ±20%	0.328 x 0.390 inch	EEEFK1E331P	Panasonic
1	C7	100nF	Capacitor, Ceramic, 50V, X7R, 10%	0603	Std	Std
1	C8	330nF	Capacitor, Ceramic, 25V, X5R, 20%	0603	Std	Std
1	C9	6.8nF	Capacitor, Ceramic, 50V, X7R, 10%	0603	Std	Std
1	D101	B340A	Diode, Schottky, 3000-mA, 40-V	SMA	B340A-13-F	Diodes
2	J1, J2	D120/2DS	Terminal Block, 2-pin, 15-A, 5.1mm	0.40 x 0.35 inch	ED1609-ND	DIGIKEY
2	J7, J8	PEC02SAAN	Header, Male 2-pin, 100mil spacing,	0.100 inch x 2	PEC02SAAN	Sullins
1	L1	2.7uH	Inductor, SMT, 9.5-Arms, 2.6-milliohm	0.508 x 0.516 inch	SER1360-272KLD	Coilcraft
2	Q2, Q6	CSD16322Q5	MOSFET, N-Chan, 25V, 21 A, 4.6 milli-ohm	QFN-8 POWER	CSD16322Q5	TI
1	R1	3.3	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R10, R18	10.0k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R11	49.9	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R16	2.21k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R17	open	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R2	0	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R3	14.0k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R4	1	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R5	0.43	Resistor, Chip, 1/8W, 5%	1206	Std	Std
1	R6	10	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R7	3.92k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R8	9.09	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R9	60.4	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	SH1		Short jumper			
3	TP1, TP3, TP4	5005	Test Point, Red, Thru Hole Compact Style	0.125 x 0.125 inch	5005	Keystone
2	TP2, TP5	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone
2	TP6, TP7	5002	Test Point, White, Thru Hole Color Keyed	0.100 x 0.100 inch	5002	Keystone
1	U1	TPS40304DRC	IC, 3V-20V sync. Buck controller, 600kHz	DRC10	TPS40304DRC	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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