

Date: 12/14/2010						
PMP5592REVC BOM						
COUNT	RefDes	Value	Description	Size	Part Number	MFR
1	C1	270nF	Capacitor, Ceramic, vvV, [temp], [tol]	0402	{Part Number}	{MFR}
1	C10	1uF	Capacitor, Ceramic, X7R, 16V, 10%	0603	Std	Std
1	C11	220nF	Capacitor, Ceramic, 16V, X7R, 10%	0603	Std	Std
1	C2	22uF	Capacitor, Aluminum, 100V, 20%	8x10mm	EEVFK2A220P	Panasonic
1	C3	2.2uF	Capacitor, Ceramic, 100V, X7R, 10%	1210	C3225X7R2A225K	TDK
1	C5	100uF	Capacitor, Ceramic, 6.3V, X5R, 10%	1210	C3225X5R0J107K	Vishay
1	C6	100nF	Capacitor, Ceramic, 16V, X7R, 10%	0603	Std	Std
1	C7	10pF	Capacitor, Ceramic, 50V, COG	0603	Std	Std
1	C8	1nF	Capacitor, Ceramic, 50V, X7R	0603	Std	Std
1	C9	100nF	Capacitor, Ceramic, 100V, X7R, 10%	0805	Std	Std
1	D1	MBRS1100	Diode, Schottky, 1A, 100V	SMB	MBRS1100T3	On Semi
2	D2, D3	HD04	Bridge Rectifier, 400V, 0.8A, Glass Passivated, SMD	MINI DIP4	HD04	Diodes, Inc
1	D4	58V	TVS, 58V, 400W	SMA	SMAJ58A	Diodes, Inc
1	D5	MURA120	Diode, Rectifier, 1A, 200V	SMA	MURA120	On Semi
2	J1, J2	520252	Connector, Jack, Modular, 8 POS	0.705 x 0.820	520252	AMP
2	J3, J4	PTC36SAAN	Header, 2-pin, 100mil spacing, (36-pin strip)	0.100 x 2	PTC36SAAN	
1	L1	10uH	Inductor, SMT, 0.86A, 210milliohm	0.158 X 0.158 inch	MSS4020-103MLD	Coilcraft
1	L2	100uH	Inductor, SMT, 990mAsat, 253milliohm	0.402 x 0.394 inch	MSS1048-104MLC	Coilcraft
1	Q1	Si3430DV	MOSFET, N-ch, 100V, 2.4A, 170 milliohms	TSOP-6	Si3430DV	Vishay
1	R1	60.4K	Resistor, Chip, 1/16W, x%	0402	Std	Std
1	R10	0.75	Resistor, Chip, 1/16W, 1%	0805	Std	Std
1	R11	51.1	Resistor, Chip, 1/16W, x%	0402	Std	Std
1	R2	24.9K	Resistor, Chip, 1/16W, x%	0402	Std	Std
1	R3	154k	Resistor, Chip, 1/16W, 1%	0603	CRCW0603-xxxx-F	Vishay
2	R4, R7	100	Resistor, Chip, 1/16W, x%	0402	Std	Std
1	R5	10	Resistor, Chip, 1/16W, x%	0402	Std	Std
1	R6	12.4K	Resistor, Chip, 1/16W, x%	0402	Std	Std
1	R8	953	Resistor, Chip, 1/16W, x%	0402	Std	Std
1	R9	15.0K	Resistor, Chip, 1/16W, x%	0402	Std	Std
1	T1	H2019	Xfmr, Center-tapped, Voice Over IP	0.500 x 0.370 inch	H2019	Pulse
1	U1	TPS23750PWP	IC, IEEE 802.3af Integrated Primary Side Controller	PWP20	TPS23750PWP	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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