

Filename: PMP7315_REVA_BOM.xls						
Date: 1/10/2012						
PMP7315_REVA_BOM						
COUNT	RefDes	Value	Description	Size	Part Number	MFR
1	C11	Open	Capacitor, Ceramic, 25V, NPO, [tol]	0402	STD	
1	C12	1 uF	Capacitor, Ceramic, 16V, X7R	0603	STD	STD
1	C13	1 uF	Capacitor, Ceramic, 50V, X7R	1206	STD	STD
1	C14	3300pF	Capacitor, Ceramic, 25V, NPO, [tol]	0402	STD	
1	C15	0.1uF	Capacitor, Ceramic, 16V, X5R, 20%	0402	STD	STD
1	C29	220pF	CAP CER 220PF 250VAC X1Y2 RAD	7.00 Dia mm	CS70-B2GA221KYNS	TDK
1	C6	0.01 uF	Capacitor, Ceramic, 25V, X7R, 20%	0402	STD	
2	C9-10	2.2uF	Capacitor, Ceramic, 25V, X7R, 20%	0805	STD	TDK
1	D3	MBRM3100	Diode, Schottky, 3A, 100V	SMB	MBRS240LT3	Motorola
1	D7	MMSD914T1	Diode, Switching, 100-V, 200-mA, 225-mW,	SOD-123	MMSD914T1	On Semi
2	J1-2	ED555/2DS	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25 inch	ED555/2DS	OST
1	L1	25 uH	Inductor, SMT,0.3-A, 1 ohm	0.190 x 0.190 inch	MA5601	Coilcraft
1	R1	10k	Resistor, Metal Film, 1/4 watt, ± 5%	1206	Std	Std
1	R10	110K	Resistor, Chip, 1/16W	0402	Std	Std
2	R11 R13	12.4K	Resistor, Chip, 1/16W	0402	Std	Std
1	R12	137K	Resistor, Chip, 1/16W	0402	Std	Std
1	R14	249K	Resistor, Chip, 1/16W	0402	Std	Std
1	R15	49.9K	Resistor, Chip, 1/16W	0402	Std	Std
1	R16	49.9	Resistor, Chip, 1/16W	0402	Std	Std
4	TP1 TP4 TP8-9	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
3	TP2 TP5 TP11	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone
1	U2	LM5017SD	IC, 100 V, 600 mA Constant On -Time Synchronous Buck Regulator	LLP-8	LM5017SD	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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