

Filename: PMP4372_BOM

Date: 6/26/13

Item	Qty	Reference	Type	Part Name	MFR	Value	Package	Description
1	1	C4	Ceramic Capcitor	C2012X7R1E475K	TDK	4.7uF, 25V	805	Capacitor, Ceramic, Chip, 10%
2	1	C6	Ceramic Capcitor	Std	Std	NA	603	Capacitor, Ceramic, Chip, 5%
3	1	C7	Ceramic Capcitor	C3216C0G2J471J	TDK	470pF, 630V	1206	Capacitor, Ceramic, Chip, 5%
4	1	C8	Ceramic Capcitor	Std	Std	0.1uF, 50v	603	Capacitor, Ceramic, 10%
5	1	D1	Bridge rectifier	MB6S	FSC/others	0.5A, 600V	SOIC4	Bridge Rectifier, 600V, 0.5A
6	1	D7	Schotty Diode	PDS1040L	Diodes	10A, 40V	POWERDI	Diode, Schotty, 10A, 40V
7	1	D5	Standard rectifier	DFLR1600	Diodes	1A, 600V	SOD123FL	Standard Rectifier, 1A, 600V
8	1	D6	Switching diode	BAS20HT1G	ON	0.2A, 200V	SOD323	Switching diode, SMD
9	1	Q1	npn power transistor Axial leaded	MJE13003	Std		T0-126	npn power transistor
10	1	L1	fixed inductor	7447462471	Wurth	470uH	5mm(D) x8mm (H)	Axial leaded fixed inductor
11	1	T1	Transformer	750341914	WE-Midcom			EE16-10pin
12	1	R2	Resistor	Std	Std	1M	603	Resistor, Chip, 1/8W, 1%,
13	1	R4	Resistor	Std	Std	10R	805	Resistor, Chip, 1/5W, 1%
14	1	R7	Resistor	Std	Std	39k	603	Resistor, Chip, 1/8W, 1%
15	1	R8	Resistor	Std	Std	62K	805	Resistor, Chip, 1/5W, 1%
16	1	R9	Resistor	Std	Std	36k	603	Resistor, Chip, 1/8W, 1%
17	1	R10	Resistor	Std	Std	1.5k	603	Resistor, Chip, 1/8W, 1%

18	1 R3	Resistor	Std	Std	220	1206	Resistor, Chip, 1/4W, 1%
19	1 R6	Resistor	Std	Std	300k	1206	Resistor, Chip, 1/4W, 1%
20	1 R12	Resistor	Std	Std	2.2	805	Resistor, Chip, 1/5W, 1%
21	1 R13	Resistor	Std	Std	5.1	805	Resistor, Chip, 1/5W, 1%
22	1 R1	Resistor	Std	Std	10k	805	Resistor, Chip, 1/5W, 1%
23	1 R15	Resistor	Std	Std	NA	1206	Resistor, Chip, 1/4W, 1%
24	1 R14	Resistor	Std	Std	5.1k	805	Resistor, Chip, 1/5W, 1%
25	1 FR	Resistor fuse	Std	Std	4.7R, 1W	Axial leaded	Resistor fuse
26	1 R5	Resistor	Std	Std	100k	805	Resistor, Chip, 1/4W, 1%
27	1 C1	Electrolytic capacitor	KSH685M400S1A5 H1CK	TEAPO	6.8uF, 400V	10mm(die.) x12.5mm(hi size, 10mmx12.5mm ght)	
28	1 C2	Electrolytic capacitor	KSH685M400S1A5 H1CK	TEAPO	6.8uF, 400V	10mm(die.) x12.5mm(hi size, 10mmx12.5mm ght)	
29	1 C5	Electrolytic solid capacitor	PCG128M6R3S1GN G1BK	TEAPO	1200uF, 6.3V	8mm(die.) x 11.5mm(hig size, 8mmx11.5mm ht)	
30	1 U1	PSR controller	UCC28720	TI		S0IC-7	
31	1 C9	Ceramic Capcitor	GRM31A5C3A470J W01D	Murata	47pF, 1KV	1206	Capacitor, Ceramic, Chip, 5%
32	1 JP1	Jumper	Std	Std	0.5mm (D) x5mm (L)		
33	4 L, N, 5V, GND	Pin	Std	Std	1mm (D) x11mm (H)		

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