Filename: PMP4327A_BOM

Date: September 17, 2012

Item	Qty	Reference	Part Number	Value	Description	MFR
1	1	U1	LM3445MMX	LM3445	IC LED DRIVER TRIAC DIMM 14SOIC	TI
2	2	C1 C11	STD	100nF	CAP CER 100nF 50V 10% X7R 0603	muRata
3	1	C10	STD	10nF	CAP CER 10nF 50V 10% X7R 0603	muRata
4	1	C8	STD	220nF	CAP CER 220nF 50V 10% X7R 0603	muRata
5	1	C12	STD	220pF	CAP CER 220pF 50V 10% COG 0603	muRata
6	1	C7	STD	470pF	CAP CER 470pF 50V 10% COG 0603	muRata
7	1	C13	STD	1uF	CAP CER 1UF 35V 10% X7R 0805	muRata
8	1	C3	STD	1uF	CAP CER 1uF 25V X7R 0603	MuRata
9	1	C2	STD	22uF	CAP CER 22uF 25V X7R 1210	MuRata
10	1	C66	KSK108M050S1A1l	1000uF/50V	CAP ALUM 1000UF 50V 20% RADIAL	Teapo
11	2	D5 D7	1N4148W-7-F	1N4148W	Diode, Signal, 300-mA, 75-V, 350-m	Diodes
12	1	D3	HD06	HD06	Bridge Rectifier, 600V, 0.8A	Diodes, Inc
13	1	D1	MMSZ5245B	15V	DIODE ZENER 15V 500MW SOD-123	Diodes
14	1	D6	BZT52H-B43, 115	43V	DIODE ZENER 43V SOD123	NXP
15	2	D2 D4	ES2G-E3	ES2G	DIODE ULTRA FAST 2A 400V SMB	Vishay
16	1	E4	ERZV05D271	ERZV05D271	SUR ABSORBER 5MM 270V 600A ZNR	Panasonic
17	1	C5	ECQE2104KF	0.1uF	CAP FILM 0.1UF 250VDC RADIAL	Panasonic
18	1	C4	ECQE2334KF	0.33uF	CAP FILM 0.33UF 250VDC RADIAL	Panasonic
19	1	F1	39611000000	1A/125Vac	FUSE SLOW 125VAC 1A RADIAL	Littelfuse
20	2	L1 L5	7447720392	3.9mH	I-inductor,3.9mH	Wurth
21	1	C9	B32921C3473M	0.047uF	Suppression Film Capacitors 0.047u	EPCOS
22	1	L2	750341479	2.2mH	Inductor RM6 2.2mH	WE-Midcom
23	1	R9	STD	10	Resistor, Chip, 1/4W, 1%,1206	Yageo
24	1	R12	STD	2.2	Resistor, Chip, 1/4W, 1%,1206	Yageo
25	1	R25	STD	270K	Resistor, Chip, 1/4W, 1%,1206	Yageo
26	2	R10-11	STD	30K	Resistor, Chip, 1/4W, 1%,1206	Yageo
27	1	R7	STD	1.5M	RES 1/8W 1% 0603 SMD	Yageo
28	2	R18 R22	STD	10	RES 1/8W 1% 0603 SMD	Yageo
29	1	R27	STD	240K	RES 1/8W 1% 0603 SMD	Yageo
30	1	R13	STD	3.9K	RES 1/8W 1% 0603 SMD	Yageo
31	1	R26	STD	47K	RES 1/8W 1% 0603 SMD	Yageo
32	1	R24	STD	510	RES 1/10W 1% 0603 SMD	Yageo
33	2	R3 R15	STD	51K	RES 1/8W 1% 0603 SMD	Yageo
34	1	R6	STD	10	Resistor, Chip, 1/10W, 1%,0805	Yageo
35	2	R19 R21	STD	100K	Resistor, Chip, 1/10W, 1%,0805	Yageo
36	1	R14	STD	1K	Resistor, Chip, 1/10W, 1%,0805	Yageo
37	2	R1 R16	STD	330K	Resistor, Chip, 1/10W, 1%,0805	Yageo
38	1	R20	STD	390K	Resistor, Chip, 1/10W, 1%,0805	Yageo
39	3	R4-5 R8	STD	470K	Resistor, Chip, 1/10W, 1%,0805	Yageo
40	1	R2	STD	51K	Resistor, Chip, 1/10W, 1%,0805	Yageo
41	1	R17	STD	390	Resistor, Metal Strip, 2W, 1%	STD
42	4	L LED+ LE	61300111121		2.54mm Pin Header	Wurth
43	1	Q4	2N7002	2N7002	MOSFET, N-ch, 60-V, 115-mA, 1.2-Oh	Diodes
44	1	Q7	MMBT3904	MMBT3904	Bipolar, NPN, 40V, 200mA, 330mW	Infineon
45	1	Q2	FQD4N25TM_WS	FQD4N25TM_WS	MOSFET N-CH 250V 3A DPAK	Fairchild
46	1	Q1	STD3NM60T4	STD3NM60T4	MOSFET N-CH 600V 3A DPAK	ZSTM
47	1	Q6	ZXTD09N50DE6TA	ZXTD09N50DE6T	TRANS NPN DUAL LOSAT 50V SOT23-6	Diodes
48	2	Q3 Q5	MMBTA92L	MMBTA92	TRANS SS PNP 300V HV SOT23	ON

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