

PMP4332_RevA_bom.xls

Count	Refdes	Value	Description	Size	Part Number	MFR
1	D9	1N5406-T	RECTIFIER GPP 600V 3A DO-201AD	DO-201AD	1N5406-T	Diodes
1	C50	C603, 0.047u	CAP CER 0.047UF 16V 10% X7R 0603	0603	std	Murata
1	C7	C603, 0.056uF	CAP CER 0.056UF 16V 10% X7R 0603	0603	std	Murata
2	C42-43	C0603, 1uF	CAP CER 1UF 16V 10% X7R 0603	0603	std	Murata
1	C27	C603, 1000pF	CAP CER 1000pF 16V 10% X7R 0603	0603	std	Murata
1	C17	C805, 470pF	CAP CER 470pF 100V 10% X7R 0805	0805	std	Murata
1	C44	C603, 15nF	CAP CER 15nF 16V 10% X7R 0603	0603	std	Murata
1	C5	C603, 18pF	CAP CER 18pF 16V 10% X7R 0603	0603	std	Murata
1	C14	C0805, 100nf	CAP CER 100nF 16V 10% X7R 0805	0805	std	Murata
1	C57	C0603, 1nf	CAP CER 1000PF 250V 10% X7R 0603	0603	GRM188R72E102KW07D	Murata
1	C6 C51	C603, 1uF	CAP CER 1uF 16V 10% X7R 0603	0603	std	Murata
1	C49	C603, 2.2uF	CAP CER 2.2uF 16V 10% X7R 0603	0603	std	Murata
1	C46	NA	CAP CER 220pF 16V 10% X7R 0603	0603	std	Murata
1	C51	C603, 22nF	CAP CER 22nF 16V 10% X7R 0603	0603	std	Murata
1	C4	C603, 330pF	CAP CER 330pF 16V 10% X7R 0603	0603	std	Murata
1	C2	C603, 330pF	CAP CER 330pF 16V 10% X7R 0603	0603	std	Murata
1	C58	C0603, 33nf	CAP CER 33nF 16V 10% X7R 0603	0603	std	Murata
4	C12 C48 C67-68	C0805, 1u	CAP CER 1UF 25V 10% X7R 0805	0805	Std	Murata
1	C47	sG40, 1.5R	CAP CER 1UF 25V 10% X7R 0805	0805	Std	Murata
1	C30	C0805, 2.2uF	CAP CER 2.2UF 16V 10% X7R 0805	0805	Std	Murata
1	C16	C1206, 470pf	CAP CER 470PF 630V 10% X7R 1206	1206	GRM31BR72J471KW01L	Murata
4	C8-9 C53-54	2.2nF	CAP 2200PF 250VAC CERAMIC Y1/X1		DE2E3KY222MA3BM02	Murata
2	C33-34	15nF	CAP FILM 0.015UF 630VDC RADIAL		B32521N8153J	EPCOS
1	C13	0.47uF	0.47UF/630VDC METAL POLY CAP		ECQ-E6474KF	Panasonic - EC
2	C3 C11	1uF	CAP 1.0UF 305VAC EMI SUPPRESSION	26.5mm*12mm	B32923A2105M	EPCOS
2	C10 C31	UPTW6820MHD6	CAP ALUM 82UF 420V 20% RADIAL	18mm*33mm	UPTW6820MHD6	Nichicon
1	C19	CAP_EKZE_6.3MM_SERIES, 220 uF	CAP ALUM 220UF 16V 20% RADIAL	6.3mm*11mm	EEU-FR1C221	Parasonic-ECG
1	C20	CAP_EKZE_6.3MM_SERIES, 47uF	CAP ALUM 47UF 16V 20% RADIAL	6.3mm*11mm	ECE-A1EKA470	Parasonic-ECG
7	C35-41	CAP_EKZE_8MM_SERIES, 820 uF	CAP ALUM 820UF 6.3V 20% RADIAL	8mm*10mm	RL80J821MDN1KX	Nichicon
1	T4	CN6808-A, 1:1:1	Gate driver			Coilcraft
1	J2	CONN_5P_9.5MM	ZBHB9500	5*9.5mm		宁波中博光伏
1	J3	CONN_6P_9.5MM	ZBHB9500	6*9.5mm		宁波中博光伏
9	D1-2 D11-17	D-BAT54, BAT54	Diode, Schottky, 200-mA, 30-V	SOT - 23	Bat54	Nxp
1	D10	GBJ1006-F	RECT BRIDGE GPP 10A 600V GBJ	GBJ	GBJ1006	Diodes
2	D3 D6	MURA120T3	Diode, UltraFast Rectifier, 1-A, 200-V	SMA	MURA120T3	Onsemi
1	D20	RS1M-13-F	DIODE FAST RECOVERY 1000V 1A	SMA	RS1M-13-F	Diodes
1	D4	8ETH06PBF	DIODE ULTRA FAST 600V 8A TO220AC	TO220AC	8ETH06PBF	Vishay
1	T3	EE19H_4332, 2.3mH	XFMR, 1 Pri, 2 sec	EE19		
1	J1	62000211622	Header, 2-pin, 2mm spacing		62000211622	Wurth
1	F2	FUSE0034.6923, 10A/250V	FUSE 250V IEC TL TR5 SL 10A	8.50mm x 8.00mm	38221000410	Littlefuse
1	L6	NA	Low Profile, High Current IHLP® Inductors		IHLP6767GZER0R22M0	Vishay
1	U2	LM293AD, LM293AD	IC, Dual Differential Comparators, 2-36 Vin	SO8	LM293AD	TI
3	E4-6	ERZ-V10D471	SUR ABSORBER 10MM 470V 2500A ZNR	Disc 10mm	ERZ-V10D471	Parasonic-ECG
1	U3	NCP1014ST65T3G	IC CTRLR/MOSFET 65KHZ SOT223	SOT223-4	NCP1014ST65T3G	Onsemi
2	U14-15	FOD817DSD	OPTOCOUPLER PHOTOTRANS OUT 4-SMD	4-SMD	FOD817DSD	Fairchild
1	C25	2200pF	CAP CER 2200PF 250V 20% RADIAL		DE1E3KX222MA4BL01	Murata
1	L1	10mH	COMMON MODE CHOKE 10MH 6A T/H			
1	L5	4.7mH	COMMON MODE CHOKE 4.7MH 6A T/H			
1	L3	PMP4332PQ2020, 30uH	PQ2020 30uH			
2	T1-2	PQ3220 95uH	PQ3220 Transformer, 95uH inductance			
1	L2	90uH	PQ3220 Inductor, 90uH			
2	R42 R20	R603, 0	Resistor, Chip, 1/10W, 1%	0603	Std	Yageo
1	R8 R10	R603, 10	Resistor, Chip, 1/10W, 1%	0603	Std	Yageo
1	R39 R50	R603, 100	Resistor, Chip, 1/10W, 1%	0603	Std	Yageo
10	R7 R24 R26 R41 R66 R71-72 R74-75	R603, 10K	Resistor, Chip, 1/10W, 1%	0603	Std	Yageo
1	R1	R603, 10k	Resistor, Chip, 1/10W, 1%	0603	Std	Yageo

1 R46-47	R603,12	Resistor, Chip, 1/10W, 1%	0603	Std	Yageo
2 R73	R603,18K	Resistor, Chip, 1/10W, 1%	0603	Std	Yageo
1 R30	R603,1K	Resistor, Chip, 1/10W, 1%	0603	Std	Yageo
2 R51	R603,2.7k	Resistor, Chip, 1/10W, 1%	0603	Std	Yageo
1 R48	R603,200k	Resistor, Chip, 1/10W, 1%	0603	Std	Yageo
1 R4 R13	R603,20k	Resistor, Chip, 1/10W, 1%	0603	Std	Yageo
1 R11	R603,24.9k	Resistor, Chip, 1/10W, 1%	0603	Std	Yageo
1 R76	R603,3K	Resistor, Chip, 1/10W, 1%	0603	Std	Yageo
1 R79	R603,24K	Resistor, Chip, 1/10W, 1%	0603	Std	Yageo
1 R83	R603,12K	Resistor, Chip, 1/10W, 1%	0603	Std	Yageo
1 R87	R603,910	Resistor, Chip, 1/10W, 1%	0603	Std	Yageo
1 R88	NA	Resistor, Chip, 1/10W, 1%	0603	Std	Yageo
1 R80	R603,47K	Resistor, Chip, 1/10W, 1%	0603	Std	Yageo
1 R70	R1206,2R7	Resistor, Chip, 1/4W, 1%	1206	Std	Yageo
1 R84	R1206,2R7	Resistor, Chip, 1/4W, 1%	1206	Std	Yageo
1 R49	R603,470	Resistor, Chip, 1/10W, 1%	0603	Std	Yageo
1 R3	R603,499	Resistor, Chip, 1/10W, 1%	0603	Std	Yageo
1 R40	R603,51	Resistor, Chip, 1/10W, 1%	0603	Std	Yageo
1 R52	R603,8.2k	Resistor, Chip, 1/10W, 1%	0603	Std	Yageo
3 R9 R14-15	R0805,1.07M	Resistor, Chip, 1/8W, 1%	0805	Std	Yageo
3 R2 R5-6	R0805,1M	Resistor, Chip, 1/8W, 1%	0805	Std	Yageo
2 R12 R18	R0805,22	Resistor, Chip, 1/8W, 1%	0805	Std	Yageo
2 R17 R23	R0805,4.7	Resistor, Chip, 1/8W, 1%	0805	Std	Yageo
1 R16	R-1W_ERG-1SJXXX,0.04	RES CURRENT SENSE .040 OHM 2W	2.40mm x 10.60mm	12FR040E	Ohmite
3 R61-62	R0603_1%,0	Resistor, Chip, 1/10W, 1%	0603	Std	Yageo
2 R43 R53 R56	R0603_1%,10K	Resistor, Chip, 1/10W, 1%	0603	Std	Yageo
3 R32 R36	R0603_1%,150K	Resistor, Chip, 1/10W, 1%	0603	Std	Yageo
2 R54 R57	R0603_1%,22	Resistor, Chip, 1/10W, 1%	0603	Std	Yageo
2 R31 R35	R0603_1%,220K	Resistor, Chip, 1/10W, 1%	0603	Std	Yageo
1 R86	R1206_1%,4.7	Resistor, Chip, 1/4W, 1%	1206	Std	Yageo
1 R44	R0603_1%,2k	Resistor, Chip, 1/10W, 1%	0603	Std	Yageo
2 R55 R58	R0603_1%,4.7	Resistor, Chip, 1/10W, 1%	0603	Std	Yageo
4 R33-34 R37-38	R0603_1%,5.1	Resistor, Chip, 1/10W, 1%	0603	Std	Yageo
1 R45	R0603_1%,510	Resistor, Chip, 1/10W, 1%	0603	Std	Yageo
1 R60	R0805_1%,1.4K	Resistor, Chip, 1/8W, 1%	0805	Std	Yageo
1 R77	R0805_1%,10	Resistor, Chip, 1/8W, 1%	0805	Std	Yageo
2 R59	R0805_1%,100k	Resistor, Chip, 1/8W, 1%	0805	Std	Yageo
1 R69 R64	R0805_1%,10K	Resistor, Chip, 1/8W, 1%	0805	Std	Yageo
1 R63	R0805_1%,1K	Resistor, Chip, 1/8W, 1%	0805	Std	Yageo
1 R85	R0805_1%,0	Resistor, Chip, 1/8W, 1%	0805	Std	Yageo
1 R81	R1206_1%,180K	Resistor, Metal Film, 1/4 watt, 1%	1206	Std	Yageo
2 R19 R78	R1206_1%,470K	Resistor, Metal Film, 1/4 watt, 1%	1206	Std	Yageo
2 R65 R68	SG40,1.5R	NTC,1.5ohm,15mm	DISC-15	1.5D-15	Semitec
1 X2	A81-A600X	SURGE ARRESTER 600V GASTUBE 2PIN	Axial Cylinder	A81-A600X	EPCOS
1 R67	NTCDP3LG252HGHBEA	Thermistor, NTC		NTCDP3LG252HGHBEA	EPCOS
1 U12	TL431AIDBZ,TL431AIDBZ	IC, Precision Adjustable Shunt Regulator	SOT23	TL431AIDBZ	TI
4 Q17-20	CSD16415Q5	MOSFET, NChan, 25V, 100A, 1.5milliohm	QFN5*6mm	CSD16415Q5	TI
2 Q25 Q27	MMBT3904, 215	TRANS NPN 40V 200MA SOT23	SOT23	MMBT3904,215	NXP
2 Q26 Q28 Q3	MMBT3906,215	TRANS PNP 40V 200MA SOT23	SOT23	MMBT3906,215	NXP
1 Q4	SI2309DS-T1-E3	MOSFET P-CH 60V 1.25A SOT23-3	SOT23	SI2309DS	Vishay
1 Q6	IPD60R1K4C6	MOSFET N-CH 600V 3.2A TO252-3	DPAK	IPD60R1K4C6	Infineon
4 Q1-2 Q15-16	TR_NFET_TO-220V,STP20NM50	MOSFET N-CH 500V 20A TO-220	TO220AB	STP20NM50	ST
2 U8 U10	UCC24610D,UCC24610D	IC, SECONDARY-SIDE SYNCHRONOUS RECTIFIER CONTROLLER FOR 5V SYSTEMS	SO8	UCC24610D	TI
1 U13	UCC25600D,UCC25600D	IC, Resonant Mode Controller	SO8	UCC25600D	TI
1 U16	UCC28051D,UCC28051D	IC, Transistion Mode PFC Controller	SO8	UCC28051D	TI
1 U4	UCC28700	IC, primary side controller	TSOP-6	UCC28700	TI
1 HT1	FL13-005	25mm(L)*20mm(H) single pin	图1		风铃
1 HT2	FL13-005	50mm(L)*20mm(H) pin space 30mm	图2		风铃

图1：HT1

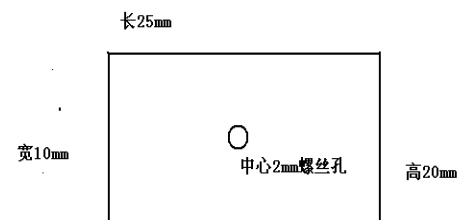
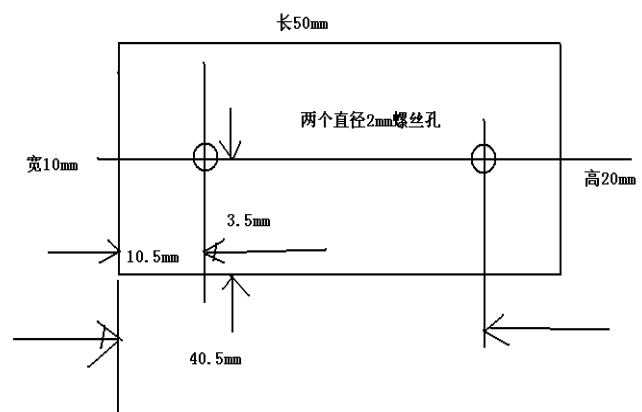


图2：HT2



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