

PMP6583_REVA BOM

COUNT	RefDes	Value	Description	Size	Part Number	Mfr
1	C1	22uF	Capacitor, Aluminum Electrolytic, 400V	0.492 inch	EEU-EB2G220	Panasonic
1	C10	0.047uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H473K	TDK
1	C13	0.022uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H223K	TDK
1	C14	1500pF	CAP, CERM DISC Y1, 250Vac, 20%	.500 X .310	ECKDNA152ME	Panasonic
1	C15	1uF	Capacitor, Ceramic, 16V, X7R, 20%	0603	C1608X7R1C105M	TDK
1	C2	0.1uF	Capacitor, Film, 275VAC, 20%	0.689 x 0.217 inch	ECQU2A104ML	Panasonic
1	C3	0.01uF	Capacitor, Polyester Film, 250V, 10%	0.311 x 0.213 inch	ECQ-E2103KB	Panasonic
2	C4, C5	22uF	Capacitor, Ceramic, 16V, X7R, 20%	1210	C3225X7R1C226MT	TDK
1	C6	470uF	Capacitor, Aluminum Electrolytic, 16V	0.315 inch	16V ZL 470uF 10 X 12.5	Rubycon
2	C7, C11	0.1uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H104K	TDK
1	C8	27uF	Capacitor, Aluminum Electrolytic, 25V	0.200 * 0.435 inch	25V ZL 27uF 5 X 11	Rubycon
2	C9, C12	100pF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H101K	TDK
1	D1	RH06-T	Diode, Bridge, 0.5-A, 600-V	MiniDIP	RH06-T	Diodes
1	D2	MBRS3100T3	Diode, Schottky 3-A 100-V	SMC	MBRS3100T3	On Semi
1	D3	MURA160T3	Diode, Rectifier, 1A, 600V	SMA	MURA160T3	ON Semiconductor
1	D4	MMSD914	Diode, Switching, 100-V, 200-mA, 225-mW	SOD-123	MMSD914T1	On Semi
1	D5	BAV99	Diode, Dual Ultra Fast, Series, 200-mA, 70-V	SOT23	BAV99	Fairchild
1	F1	2A	Fuse, TR5 Series, 2A, 250V	0.335	3701200041	Wickmann
1	JP1	923345-05-C	Jumper, 0.500 inch length, PVC Insulation, AWG 22,	AWG 22	923345-05-C	3M
1	L1	10mH	CM Choke, 0.25A, 3.5ohm	0.433 x 0.670 inch	UU9.8V-103LF	GCI
1	L2	4.7uH	Inductor, SMT	0.26x0.09 inch	DO1608-472ML	Coilcraft
1	Q2	FQP8N60C	MOSFET, Nchan, 600V, 7.5A, 1.2ohm	TO-220V	FQP8N60C	Fairchild
2	R1, R3	100k	Resistor, Chip, 1/4W, 5%	1210	Std	Std
1	R100	0.33	Resistor, 1/4 watt, 5%	1206	Std	Std
1	R11	41.2k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R12	3.32k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R13	1k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R14, R17	10k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R15	1.5k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R16	0.75	Resistor, Chip, 1/4W, 5%	1210	Std	Std
1	R18	2.21k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R2, R4	1M	Resistor, Chip, 1/4W, 5%	1210	Std	Std
1	R5	DNP	Do Not Populate	1210	N/A	N/A
2	R6, R10	0	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R7	130k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R8, R9	10	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	T1	860 uH	Transformer, Flyback ±10%	0.550x0.860 inch	RLTI-1020	Renco
3	TP1, TP2, TP3	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
1	TP4	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone
1	U1	UCC28600D	IC, Quasi-Resonant Flyback Green Mode Controller	SO8	UCC28600D	Texas Instruments
1	U2	H11A817A	IC, Optocoupler, 5300-V, 80-160% CTR	0.380 x 0.180 inch	H11A817A	Fairchild
1	U3	TL431AIDBZ	IC, Precision Adjustable Shunt Regulator	SOT23-3	TL431AIDBZ	TI

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