

PMP6833_REVA BOM

COUNT	RefDes	Value	Description	Size	Part Number	MFR
1	BD1	30 Ohms	FERRITE CHIP 30 OHM 5A 0603	1608	MPZ1608S300A	TDK
2	C1, C15	100pF	Capacitor, Ceramic, 50V, C0G, 10%	0603	STD	STD
2	C10, C11	DNP	Do Not Populate	0603	N/A	N/A
1	C12	33uF	CAP ALUM 33UF 400V 20% RADIAL	0.571 inch	EEU-ED2G330S	Panasonic
1	C17	0.047uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	STD	STD
2	C2, C4	22uF	Capacitor, Ceramic, 16V, X5R, 15%	1210	STD	STD
1	C29	220pF	CAP CER 220PF 250VAC X1Y2 RAD	7.00 Dia mm	CS70-B2GA221KYNS	TDK
1	C3	27uF	Capacitor, Aluminum Electrolytic, 25V	0.200 * 0.435 inch	STD	STD
2	C5, C21	0.1uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	STD	STD
1	C6	470uF	Capacitor, Aluminum Electrolytic, 16V	0.315 inch	16V ZL 470uF 10 X 12.5	Rubycon
1	C8	2200pF	Capacitor, Ceramic, 50V, X7R, 10%	0603	STD	STD
2	C9, C19	0.1uF	CAP .1UF 250/275VAC ECQ-UL	0.689 x 0.236 inch	ECQ-U2A104ML	Panasonic
1	D1	DNP	Do Not Populate	SOT23	N/A	N/A
1	D10	1N4007	RECTIFIER 1000V 1A DO-41	DO-41	STD	Diodes
1	D2	SMBJ130A	DIODE TVS 130V 600W UNI 5% SMD	0.155 x 0.180 inch	SMBJ130A	Bourns
1	D4	1N4148	Diode, Switching, 100-V, 200-mA, 225-mW,	SOD-123	1N4148W-7-F	Diodes Inc.
1	D5	SB5100E-G	DIODE SCHOTTKY 5A 100V DO-201AD	DO-201	SB5100E-G	Compchip
1	D8	RH06-T	Diode, Bridge, 0.5-A, 600-V	MiniDIP	RH06-T	Diodes
1	F1	3.15A	Fuse, Slow Blow, 3.15A	0.335 inch	37213150001	Wickmann
1	JP1	923345-03-C	Jumper, 0.300 inch length, PVC Insulation, AWG 22,	AWG 22	923345-03-C	3M
1	L1	10mH	CM Choke, 0.25A, 3.5ohm	0.433 x 0.670 inch	UU9.8V-103LF	GCI
1	L2	1uH	Inductor, SMT Chip	0805	CPL2512T1R0M	TDK
1	Q1	AOT7N60	MOSFET N-CH 600V 7A TO-220	TO-220V	AOT7N60	Alpha & Omega Semiconductor Inc
2	R1, R11	10	Resistor, Chip, 1/16W, 1%	0603	STD	STD
1	R12	1k	Resistor, Chip, 1/16W, 1%	0603	STD	STD
1	R13	26.1k	Resistor, Chip, 1/16W, 1%	0603	STD	STD
2	R14, R18	DNP	Do Not Populate	0603	N/A	N/A
1	R15	100k	Resistor, Chip, 1/16W, 1%	0603	STD	STD
1	R19	49.9	Resistor, 1/4 watt, 5%	1206	STD	STD
1	R2	0.75	Resistor, 1/4 watt, 5%	1206	STD	STD
1	R3	1.5k	Resistor, Chip, 1/16W, 1%	0603	STD	STD
1	R4	3.32k	Resistor, Chip, 1/16W, 1%	0603	STD	STD
1	R5	130k	Resistor, Chip, 1/16W, 1%	0603	STD	STD
1	R6	41.2k	Resistor, Chip, 1/16W, 1%	0603	STD	STD
3	R7, R16, R17	0	Resistor, Chip, 1/16W, 1%	0603	STD	STD
1	R8	DNP	Do Not Populate	1206	N/A	N/A
2	R9, R10	1MEG	Resistor, 1/4 watt, 5%	1206	STD	STD
1	T1	860 uH	Transformer, Flyback ±10%	0.550x0.870 inch	RLTI-1039	Renco
1	TP2	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
1	TP3	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone
2	TP4, TP5	5012	Test Point, White, Thru Hole	0.125 x 0.125 inch	5012	Keystone
1	U1	UCC28600D	IC, Quasi-Resonant Flyback Green Mode Controller	SO8	UCC28600D	TI
1	U2	H11A817	IC, Optocoupler, 5300-V, 50-600% CTR	0.380 x 0.180 inch	H11A817	QT Optoelectronics
1	U3	TL431DBZ	IC, Precision Adjustable Shunt Regulator	SOT23-3	TL431DBZ	TI

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