

PMP7263_REVA BOM

COUNT	RefDes	Value	Description	Size	Part Number	MFR
1	C1	1000pF	Capacitor, Ceramic, 50V, X7R, 10%	0603	STD	STD
1	C15	100pF	Capacitor, Ceramic, 50V, C0G, 10%	0603	STD	STD
1	C16	0.022uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	STD	STD
1	C17	0.047uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	STD	STD
2	C2, C3	4.7uF	CAP ALUM 4.7UF 400V 20% RADIAL	0.315 inch	UPW2G4R7MPD	Nichicon
1	C21	0.1uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	STD	STD
1	C22	15uF	Capacitor, Alum Electrolytic, 25V, -40 to +85C, ±20%	6.3x11 mm	STD	STD
1	C29	220pF	CAP CER 220PF 250VAC X1Y2 RAD	7.00 Dia mm	CS70-B2GA221KYNS	TDK
2	C5, C6	1uF	Capacitor, Ceramic, 16V, X7R, 10%	0603	STD	STD
2	C7, C8	100uF	CAP ALUM 100UF 25V 20% RADIAL	6.3x11 mm	EKY-250ELL101MF11D	United Chemi-Con
1	C9	10uF	Capacitor, Ceramic, 25V, X7R, 10%	1210	Std	STD
1	D1	B1100	DIODE SCHOTTKY 100V 1A SMA	SMA	B1100-13-F	Diodes Inc.
2	D4, D14	1N4148	Diode, Switching, 100-V, 200-mA, 225-mW,	SOD-123	1N4148W-7-F	Diodes Inc.
1	D5	12.1V	Diode, Zener, 12.1-V, -225-mW	SOT23	MMBZ5242BLT1	ON Semi
4	D7, D9, D11, D12	1N4007	RECTIFIER 1000V 1A DO-41	DO-41	STD	Diodes
1	L1	1mH	Inductor, Power, 0.25A, 3.4 Ohms	0.350 x 0.300 inch	RFB0807-102L	Coilcraft
1	Q1	FQD1N80	MOSFET, N-ch, 800V, 1A, 20 ohm	DPAK	FQD1N80	Fairchild
1	R1	1.5k	Resistor, Chip, 1/16W, 1%	0603	STD	STD
1	R10	0	Resistor, Chip, 1/16W, 1%	0603	STD	STD
1	R13	2k	Resistor, Chip, 1/16W, 1%	0603	STD	STD
1	R14	10k	Resistor, Chip, 1/16W, 1%	0603	STD	STD
1	R15	1k	Resistor, Chip, 1/16W, 1%	0603	STD	STD
1	R16	2.61k	Resistor, Chip, 1/16W, 1%	0603	STD	STD
3	R2, R5, R11	10	Resistor, Chip, 1/16W, 5%	0805	Std	Std
2	R20, R21	499k	Resistor, 1/4 watt, 5%	1206	STD	STD
1	R24	33	RES 33 OHM 2W 10% AXIAL	0.300 X 0.100 inch	EMC2-33RKI	TT Electronics/Welwyn
1	R3	1	Resistor, Chip, 1/16W, 5%	0805	Std	Std
1	R6	5.1	Resistor, Chip, 1/16W, 5%	0805	Std	Std
1	R7	121k	Resistor, Chip, 1/16W, 1%	0603	STD	STD
1	R8	34.8k	Resistor, Chip, 1/16W, 1%	0603	STD	STD
1	R9	100k	Resistor, Chip, 1/16W, 1%	0603	STD	STD
1	T1	5mH	Transformer, ±20%	14x14 mm	G114171LF	GCI
2	TP1, TP9	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
2	TP4, TP5	5012	Test Point, White, Thru Hole	0.125 x 0.125 inch	5012	Keystone
2	TP6, TP10	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	TI
1	U4	FOD817A	IC, Optocoupler, 5300-V, 50-600% CTR	0.380 x 0.180 inch	FOD817A	QT Optoelectronics
1	U5	TL431DBZ	IC, Precision Adjustable Shunt Regulator	SOT23-3	TL431DBZ	TI

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