

PMP5744_RevB BOM

COUNT	RefDes	Value	Description	Size	Part Number	Mfr
1	C11	150uF	Capacitor, Aluminum Electrolytic, 50V	10 x 12.5mm	EEUFM1H151	Panasonic
1	C16	56uF	Capacitor, Aluminum Electrolytic, 35V	0.248 inch	EKZE350ELL560MF11D	United Chemicon
1	C17	0.22uF	Capacitor, Ceramic, 50V, X7R, 10%	0805	C2012X7R1H224K	TDK
1	C18	0.010uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	Std	Std
1	C20	0.01uF	Capacitor, Ceramic, 500V, C0G, 10%	1206	Std	TDK
1	C15	0.1uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H104K	TDK
2	C21-22	22uF	Capacitor, Aluminum Electrolytic, 400V	12.5 x20 mm	EKXG401ELL220MK20S	United Chemicon
1	C100	15pF	Capacitor, Ceramic, 50V, X7R, 10%	0603	Std	Std
1	C101	22uF	Capacitor, Ceramic, 10V, X7R, 10%	1210	Std	Std
1	D7	MMSD914	Diode, Switching, 100-V, 200-mA, 225-mW	SOD-123	MMSD914T1	On Semi
2	D100-101	1N4006	Diode, Signal, 800V, 1A	DO-41	1N4006	Diodes
1	D104	B1100	Diode, Schottky Barrier Rectifier, 1-A, 100-V	SMA	B1100-13-F	Diodes
2	D5 D102	MURA160T3	Diode, Rectifier, 1A, 600V	SMA	MURA160T3	ON Semiconductor
2	D8 D103	MBR0540	Diode, Schottky, 0.5A, 40V	SOD-123	MBR0540	Fairchild
1	L100	3.3uH	Inductor, LPS4012	0.1535 x 0.1535 inch	LPS4012-332	Coilcraft
1	Q1	BUJ403A	TRANS NPN DIFF 1200V 6A TO-220AB	TO-220V	BUJ403A	NXP
1	Q100	MMBT3906LT1	Bipolar, PNP, xx-V, yy-mA, zz-W	SOT23	MMBT3906LT1	On Semi
1	R2	100k	Resistor, Chip, 1/4W, 5%	1210	Std	Std
1	R4	22	Fusible Resistor, 2W, 5%	0.150 x 0.700 inch	NFR0200002209JR5000	Vishay
1	R8	140k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R9	75	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R11	10.2k	Resistor, Chip, 1/16W, 1%	603	Std	Std
1	R12	56.2k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R14	105k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R15	86.6k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R16	10k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R23	100	Resistor, 1/4 watt, 5%	1206	Std	Std
1	R101	909K	Resistor, 1/4 watt, 5%	1206	Std	Std
1	R102	1k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R103	49.9	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R104	1	Resistor, Chip, 5%	1206	Std	Std
1	R21	10k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
3	R3 R6 R100	1MEG	Resistor, 1/4 watt, 5%	1206	Std	Std
1	T2	570 uH	Xfmr, ±10%	20.50 x 25.00 mm	760871834	WE
1	TP4	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.100 inch	5001	Keystone
3	TP1-3	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone

1	U2	UCC28610D	IC, Flyback Green-Mode Controller	SO8	UCC28610D	TI
1	U4	TL431AIDBZ	IC, Precision Adjustable Shunt Regulator	SOT23-3	TL431AIDBZ	TI

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