

PMP5029_REVE BOM

COUNT	RefDes	Value	Description	Size	Part Number	Mfr
1	C1	47uF	Capacitor, Aluminum Electrolytic, 400V	16 x 31.5 mm	EEUEB2G470	Panasonic
2	C10, C12	0.047uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H473K	TDK
1	C11	100pF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H101K	TDK
2	C13, C14	1000pF	Capacitor, Ceramic, 2kV, C0G, 10%	1812	Std	Std
1	C15	0.1uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H104K	TDK
1	C16	0.01uF	Capacitor, Polyester Film, 250V, 10%	0.311 x 0.213 inch	ECQ-E2103KB	Panasonic
1	C3	0.22 uF	Capacitor, Film, 250VAC, 20%	0.689 x 0.217	ECQU2A224MV	Panasonic
4	C4, C5, C6, C7	10uF	Capacitor, Ceramic, 25V, X7R, 20%	1210	C3225X7R1E106MT	TDK
1	C8	680uF	Capacitor, Aluminum Electrolytic, 25V	0.315 inch	25V ZL 680uF 10 X 20	Rubycon
1	C9	47uF	Capacitor, Aluminum, 25V, FC Series	0.200 * 0.435 inch	EEUFC1E470	Panasonic
1	D1	MURA160T3	Diode, Rectifier, 1A, 600V	SMA	MURA160T3	ON Semiconductor
1	D2	DF04S	Bridge Rectifier, 400V, 1A, SMD	DF-S	DF04S	Diodes
1	D3	MBRB20100CT	Diode, Schottky, 10A, 100V	TO-263AB	MBRB20100CT	On Semiconductor
1	D4	MMSD914	Diode, Switching, 100-V, 200-mA, 225-mW	SOD-123	MMSD914T1	On Semi
1	F1	2A	Fuse, TR5 Series, 2A, 250V	0.335	3701200041	Wickmann
1	L1	2.8mH	Inductor, 0.5A, 1ohm	0.433 x 0.670 inch	UU9.8V-282LF	GCI
1	L2	10uH	Inductor, Power, 3A	0.350 x 0.300 inch	RFB0807-100L	Coilcraft
1	Q1	IRFS9N60A	MOSFET, N-ch, 600V, 9.2A, 0.75 Ohms	D2-PAK	IRFS9N60A	Vishay
1	R1	100k	Resistor, Chip, 1W, 5%	2512	STD	STD
1	R10	4.99k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R101	301k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R102	100k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R103	0.5	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R11	10k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R12	1.74k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R13	0.39	Resistor, Chip, 1/2W, 5%	2010	Std	Std
1	R14	1.5k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R3, R4	499k	Resistor, 1/4 watt, 5%	1206	Std	Std
1	R5	10	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R6	71.5k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R7	0	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R8	24.9k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R9	2k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	RT1	5 Ohms	Thermistor, NTC, 5 Ohms, 5-A	0.590 x 0.276	CL-150	GE Thermometrics
1	T1	G094218LF	TRANSFORMER, 40W Quasi Resonant Flyback	1.024 X 1.122 inch	G094218LF	GCI
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	TCMT1107	IC, Photocoupler, CTR = 80% - 160%	MF4	TCMT1107	Vishay
1	U3	TL431AIDBZ	IC, Precision Adjustable Shunt Regulator	SOT23-3	TL431AIDBZ	TI

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