

PMP5194_REVB BOM

COUNT	RefDes	Value	Description	Size	Part Number	Mfr
3	C1, C8, C11	0.1uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H104K	TDK
2	C12, C15	4.7uF	Capacitor, Ceramic, 16V, X7R, 15%	0805	STD	STD
3	C13, C16, C100	1000pF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H102K	TDK
1	C14	0.47uF	Capacitor, Ceramic, 25V, X7R, 10%	0603	STD	STD
1	C17	100uF	Capacitor, Aluminum Electrolytic, 25V	0.315 inch	25V ZL 100uF 8 X 7	Rubycon
3	C2, C5, C6	0.47uF	Capacitor, Film 305 V, 20%	0.335 x 1.043 inch	B32923A2474M	Epcos
1	C3	0.047uF	Capacitor, Polyester, 630V, 10%	0.256 x 0.650 inch	ECQ-E6473KZ	Panasonic
1	C4	220uF	Capacitor, Aluminum, 500V, 10%	1.380 dia * 1.970 inch	ECOS2HP221EA	Panasonic
1	C7	100uF	Capacitor, Aluminum Electrolytic, 50V	0.315 inch	50V ZL 100uF 8 X 11.5	Rubycon
2	C9, C10	22pF	Capacitor, Ceramic, 50V, C0G, 10%	0603	STD	STD
3	D1, D2, D4	MURS360	Diode, 3A, 600V	SMC	MURS360	ON Semi
2	D3, D5	BAV99	Diode, Dual Ultra Fast, Series, 200-mA, 70-V	SOT23	BAV99	Fairchild
1	D6	GBU6J	Diode, Bridge Rectifier, 6 A, 600V	0.880 x 0.140 inch	GBU6J	Vishay
1	D7	15V	Diode, Zener, 15-V	SOT23	BZX84C15LT1	ON Semiconductor
1	F1	6.3A/250V	Fuse, TR5 Series, 6.3A, 250V	0.335	3701630041	Wickmann
1	J1	ED555/3DS	Terminal Block, 3-pin, 6-A, 3.5mm	0.41 x 0.25 inch	ED555/3DS	OST
2	L1, L3	365 uH	Inductor, PFC 15%	28.00 x 40.00 mm	G094318LF	GCI
1	L2	100uH	Inductor, Power Choke	0.650 inch	PCV-0-104-05L	Coilcraft
1	L4	3.3mH	Inductor, Common Mode Choke,	1.400 x 0.820 inch	GVTM1-332LF	GCI
4	Q1, Q2, Q5, Q7	SPP07N60C3	MOSFET, N-ch, 650-V, 7-A, 600-milliOhms	TO-220V	SPP07N60C3	Infineon
4	Q3, Q4, Q6, Q9	MMBT2907	Bipolar, PNP, 60V, 600mA	SOT23	MMBT2907LT1	On Semiconductor
1	Q8	MJD3055	Bipolar, NPN, 60-V, 10-A	DPAK	MJD3055	On Semi
2	R1, R2	150k	Resistor, 1W, 5%	2512	STD	STD
2	R12, R14	20k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R13	44.2k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R16	133k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R17	1k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R18	3.32k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R21	21.5k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R24	40.2k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
4	R3, R4, R7, R11	10	Resistor, Chip, 1/16W, 1%	0603	Std	Std
3	R5, R10, R15	10k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
6	R6, R8, R19, R20, R22, R23	1.5MEG	Resistor, 1/4 watt, 5%	1206	Std	Std
1	R9	0.01	Resistor, 1W, 5%	2512	STD	STD
1	RT1	2.5 Ohms	Thermistor, NTC, 2.5 Ohms, 6.5-A	0.590 x 0.276	B57237S0259M000	Epcos
1	TP1	5010	Test Point, Red, Thru Hole	0.125 x 0.125 inch	5010	Keystone
2	TP2, TP4	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.100 inch	5000	Keystone
1	TP3	5011	Test Point, Black, Thru Hole	0.125 x 0.125 inch	5011	Keystone
1	U1	UCC28061D	IC, Interleave PFC Controller	SO16	UCC28061D	TI

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