

PMP5322_REVB BOM

COUNT	RefDes	Value	Description	Size	Part Number	Mfr
1	C1	100uF	Capacitor, Aluminum, 400V	0.990 dia * 1.400 inch	ECOS2GP101CA	Panasonic
1	C10	100uF	Capacitor, Aluminum Electrolytic, 25V	0.248 inch	25V ZL 100uF 6.3 X 11	Rubycon
1	C11	1500pF	CAP, CERM DISC Y1, 250Vac, 20%	.500 X .310	ECKDNA152ME	Panasonic
1	C12	0.047uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H473K	TDK
1	C13	0.01uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H103K	TDK
1	C14	0.1uF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H104K	TDK
2	C15, C100	100pF	Capacitor, Ceramic, 50V, X7R, 10%	0603	C1608X7R1H101K	TDK
2	C16, C17	DNP	Do Not Populate	0603	N/A	N/A
2	C2, C3	0.22 uF	Capacitor, Film, 250VAC, 20%	0.689 x 0.217	STD	STD
1	C4	0.01uF	Capacitor, Polyester Film, 250V, 10%	0.311 x 0.213 inch	ECQ-E2103KB	Panasonic
2	C5, C9	1uF	Capacitor, Ceramic, 16V, X7R, 20%	0603	C1608X7R1C105M	TDK
3	C6, C7, C8	2700uF	Capacitor, Aluminum Electrolytic, 25V	0.571 inch	25V ZL 2700uF 16 X 25	Rubycon
1	D1	KBP06G	Diode, Bridge Rectifier, 1.5A, 600V	0.580 x 0.145 inch	KBP06G	Diodes
2	D2, D4	MBRF20100CT	Diode, Dual Schottky, 20A, 100V	TO-220	MBRF20100CT	ON Semi
1	D3	MURA160T3	Diode, Rectifier, 1A, 600V	SMA	MURA160T3	ON Semiconductor
1	D5	MMSD914	Diode, Switching, 100-V, 200-mA, 225-mW	SOD-123	MMSD914T1	On Semi
1	F1	2.5A/250V	Fuse, TR5 Series, 2.5A, 250V	0.335	3701250041	Wickmann
2	HS1, HS2	513201	HEATSINK TO-220 W/PINS 1inch TALL	0.5x1.38in.	531002B02500G	Aavid
1	L1	10 uH	Inductor, Common Mode Coke	12.70 x 18.16 mm	ICA 1069	ICE Components
1	L2	9.5 mH	Inductor, Line Filter	18.5 x 25.5 mm	LF24012-0095-V	ICE Components
1	L3	2.2uH	Inductor, Power,	0.350 x 0.300 inch	RFB0807-2R2L	Coilcraft
1	Q1	SPP11N60C3	Trans, Cool MOS Power Nchan, 650V, 11A, 380 millohm	TO-220AB	SPP11N60C3	Infineon
2	R1, R2	100k	Resistor, Chip, 1-W, 5%	2512	Std	Std
1	R10	100k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R11	27.4k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R13	21.5k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R14	1.74k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R15	0.24	Resistor, Chip, 1-W, 5%	2512	Std	Std
2	R16, R17	DNP	Do Not Populate	1206	N/A	N/A
2	R3, R4	499k	Resistor, 1/4 watt, 5%	1206	Std	Std
1	R5	10	Resistor, Chip, 1/16W, 1%	0603	Std	Std
2	R6, R12	DNP	Do Not Populate	0603	N/A	N/A
1	R7	150k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R8	1k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R9	4.99k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	T1	320 uH	Transformer, ±10%	30.0 x 39.0 mm	TX10025	ICE Components
3	TP1, TP2, TP3	5005	Test Point, Red, Thru Hole Compact Style	0.125 x 0.125 inch	5005	Keystone
1	TP4	5006	Test Point, Black, Thru Hole Compact Style	0.125 x 0.125 inch	5006	Keystone
1	U1	UCC28600D	IC, Quasi-Resonant Flyback Green Mode Controller	SO8	UCC28600D	Texas Instruments
1	U2	H11A817A	IC, Optocoupler, 5300-V, 80-160% CTR	0.380 x 0.180 inch	H11A817A	Fairchild
1	U3	TL431AIDBZ	IC, Precision Adjustable Shunt Regulator	SOT23-3	TL431AIDBZ	TI

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