

PMP23199 REV B Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
IPCB1	1		PMP23199	Any	Printed Circuit Board	
C1, C3	2	2.2µF	250PX2R2MEFC6.3X11	Rubycon	2.2 µF 250 V Aluminum Electrolytic Capacitors Radial, Can - 1000 Hrs @ 105°C	RADIAL
C2	1	10uF	GRM31CR71E106KA12L	MuRata	CAP, CERM, 10 uF, 25 V, +/- 10%, X7R, 1206	1206
C4	1	2200pF	C4532X7R3D222K130KA	TDK	CAP, CERM, 2200 pF, 2000 V, +/- 10%, X7R, 1812	1812
C6	1	82uF	8.75105E+11	Würth Elektronik	CAP, Aluminum Polymer, 82 uF, 16 V, +/- 20%, 0.03 ohm, D6.3xL5.8mm SMD	D6.3xL5.8mm
C7, C8	2	470µF	6.3ZLH470MEFC6.3X11	Rubycon	470 µF 6.3 V Aluminum Electrolytic Capacitors Radial, Can - 6000 Hrs @ 105°C	RADIAL
D1	1	170V	SMAJ170A	Littelfuse	Diode, TVS, Uni, 170 V, 275 Vc, 400 W, 1.5 A, SMA	SMA
D2	1	400V	US1G-13-F	Diodes Inc.	Diode, Ultrafast, 400 V, 1 A, SMA	SMA
D3	1	600V	RH06-T	Diodes Inc.	Diode, Switching-Bridge, 600 V, 0.5 A, MiniDIP	MiniDIP
D4	1	100V	US1B-13-F	Diodes Inc.	Diode, Ultrafast, 100 V, 1 A, SMA	SMA
D5	1	60V	B160B-13-F	Diodes Inc.	Diode, Schottky, 60 V, 1 A, SMB	SMB
L1	1	100uH	744741101	Würth Elektronik	Inductor, Wirewound, Ferrite, 100 uH, 1.1 A, 0.39 ohm, TH	Dia 8.5x5.5mm
LINE	1		5125	Keystone	Test Point, Multipurpose, Brown, TH	Brown Multipurpose Testpoint
NEUTRAL	1		5127	Keystone	Test Point, Multipurpose, Blue, TH	Blue Multipurpose Testpoint
PGND, SGND	2		5011	Keystone	Test Point, Multipurpose, Black, TH	Black Multipurpose Testpoint
R1	1	3.01k	CRCW06033K01FKEA	Vishay-Dale	RES, 3.01 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	603
R2	1	30.1	CRCW060330R1FKEA	Vishay-Dale	RES, 30.1, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	603
R3	1	95.3k	CRCW060395K3FKEA	Vishay-Dale	RES, 95.3 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	603
R4	1	26.7k	CRCW060326K7FKEA	Vishay-Dale	RES, 26.7 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	603
T1	1		750319943	Würth	TRANSFORMER	SMT12_12MM85_12MM95
U1	1		UCC28911DR	Texas Instruments	700V Flyback Switcher with Constant-Voltage Constant-Current and Primary-side Regulation, D0007A (SOIC-7)	D0007A
VBULK, VOUT	2		5010	Keystone	Test Point, Multipurpose, Red, TH	Red Multipurpose Testpoint
XF1	1	TR5	56000001009	Littelfuse	Fuse Holder, TR5, TH	TR5 Fuse Holder
C5	0	470pF	GRM188R71H471KA01D	MuRata	CAP, CERM, 470 pF, 50 V, +/- 10%, X7R, 0603	603
H1, H2, H3, H4	0		4820	Keystone		1 inch Nylon Hex Standoff
R5	0	10k	CRCW120610K0JNEA	Vishay-Dale	RES, 10 k, 5%, 0.25 W, AEC-Q200 Grade 0, 1206	1206

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