

PMP30032 REV B Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
C1	1	DNP	DNP	N/A	DNP	1206
C3	1	15uF	EEU-EE2G150	Panasonic	CAP, AL, 15 μ F, 400 V, +/- 20%, TH	Cap, 12.5x22mm
C4	1	0.1uF	R46KF310000P1M	Kemet	CAP, Film, 0.1 μ F, 275 Vac, +/- 20%, TH	13x11x5mm
C5	1	680uF	16ZLJ680M10X12.5	Rubycon	CAP, AL, 680 μ F, 16 V, +/- 20%, TH	CAPPR5-10x16
C6	1	22uF	C2012X5R1V226M125AC	TDK	CAP, CERM, 22 μ F, 35 V, +/- 20%, X5R, 0805	0805
C7, C11, C13, C14	4	0.1uF	C1608X7R1H104K	TDK	CAP, CERM, 0.1 μ F, 50 V, +/- 10%, X7R, 0603	0603
C8, C9	2	2200pF	DE2E3KY222MA3BM02F	MuRata	CAP, CERM, 2200 pF, 250 V, +/- 20%, E, Radial D8x5mm	Radial D8x5mm
C10	1	47uF	EEU-FM1E470	Panasonic	CAP, AL, 47 μ F, 25 V, +/- 20%, 0.3 ohm, TH	5.0x11.0mm
C12	1	0.1uF	GRM188R72A104KA35D	MuRata	CAP, CERM, 0.1 μ F, 100 V, +/- 10%, X7R, 0603	0603
D1	1	ES2D-13-F	ES2D-13-F	Diodes Inc.	Diode, Ultrafast, 200 V, 2 A, SMB	SMB
D2	1	DI156S	DI156S	Panjit	Diode, Bridge, 600 V, 1.5 A	SDIP
D4	1	US1J-13-F	US1J-13-F	Diodes Inc.	Diode, Ultrafast, 600 V, 1 A, SMA	SMA
D5, D6	2	BAS20HT1G	BAS20HT1G	ON Semiconductor	DIODE SWITCH 200V 200MA SOD323	SOD-323
D7	1	BAT46WJ,115	BAT46WJ,115	NXP Semiconductor	Diode, Schottky, 100 V, 0.25 A, SOD-323F	SOD-323F
D100	1	58V	SMAJ58A	Diodes Inc.	Diode, TVS, Uni, 58 V, 400 W, SMA	SMA
D101	1	75V	SMAJ75A	Diodes Inc.	Diode, TVS, Uni, 58 V, 400 W, SMA	SMA
F1	1	1A	RST 1-BULK	Bel Fuse	FUSE BOARD MOUNT 1A 250VAC RAD	8.35x7.7x4mm
J1	1		CIM029P5	CIM	Header (Shrouded), 5.08 mm, 2x1, Tin, R/A, TH	Header, 5.08 mm, 2x1, R/A, TH
L1	1	1mH	7447462102	Würth Elektronik	Inductor, Unshielded, Ferrite, 1 mH, 0.25 A, TH	D6 x 8.5mm
L2	1	20mH	744821120	Würth Elektronik	Coupled inductor, 20 mH, 0.5 A, 1 ohm, TH	15 x 18 x 7.5mm
R1, R3	2	DNP	DNP	N/A	DNP	1206
R2	1	47k	0 Ohm	Vishay-Dale	0 Ohm	1206
R4	1	36.5k	CRCW060336K5FKEA	Vishay-Dale	RES, 36.5 k, 1%, 0.1 W, 0603	0603
R5	1	100	CRCW0805100RJNEA	Vishay-Dale	RES, 100, 5%, 0.125 W, 0805	0805
R6	1	15.0	CRCW060315R0FKEA	Vishay-Dale	RES, 15.0 ohm, 1%, 0.1W, 0603	0603
R7	1	68.1k	CRCW060368K1FKEA	Vishay-Dale	RES, 68.1 k, 1%, 0.1 W, 0603	0603
R8	1	24.3k	CRCW060324K3FKEA	Vishay-Dale	RES, 24.3 k, 1%, 0.1 W, 0603	0603
R9	1	1.91k	CRCW06031K91FKEA	Vishay-Dale	RES, 1.91 k, 1%, 0.1 W, 0603	0603
R10	1	69.8k	CRCW060369K8FKEA	Vishay-Dale	RES, 69.8 k, 1%, 0.1 W, 0603	0603
R11	1	1.00Meg	CRCW06031M00FKEA	Vishay-Dale	RES, 1.00 M, 1%, 0.1 W, 0603	0603
R12, R13	2	100	CRCW0603100RFKEA	Vishay-Dale	RES, 100, 1%, 0.1 W, 0603	0603
RT1	1	5 ohm	MF72-005D5	Cantherm	Thermistor NTC, 5 ohm, 20%, MF72D5 TH	MF72D5 TH
RV1	1	275Vac	B72214S271K151	TDK	VARISTOR 275Vac 6KA DISC 14MM	D15.5xT5mm
T1	1	1.6 mH	37679708	PMA	Transformer, Flyback, 1.6 mH, TH	20x24.5mm, height 16mm
TP1	1	Red	5000	Keystone	Test Point, Miniature, Red, TH	Red Miniature Testpoint
TP2	1	Black	5001	Keystone	Test Point, Miniature, Black, TH	Black Miniature Testpoint
TP3	1	White	5002	Keystone	Test Point, Miniature, White, TH	White Miniature Testpoint
U1	1	UCC28911DR	UCC28911DR	Texas Instruments	High Voltage Flyback Switcher with Primary-side Regulation and Constant-Current Control, D0007A	D0007A
U2	1	TS321IDBVR	TS321IDBVR	Texas Instruments	Low-Power Single Operational Amplifier, 3 to 30 V, -40 to 125 degC, 5-pin SOT23 (DBV0005A), Green (RoHS & no Sb/Br)	DBV0005A

"DNP" = "Do Not Populate"

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