

PMP10083 REV B Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
C1	1	10uF	EEUED2G100	Panasonic	CAP, AL, 10uF, 400V, +/-20%, 2.864788 ohm, TH	10x20
C2	1	22uF	EEUED2G220	Panasonic	CAP, AL, 22uF, 400V, +/-20%, 1.302176 ohm, TH	12.5x25
C3	1	330uF	25ZLG330M10X12.5	Rubycon	Capacitor, Aluminum, 25V, 105C, 20%	10mmx12.5mm
C4	1	10uF	GRM31CR61E106KA12L	MuRata	CAP, CERM, 10uF, 25V, +/-10%, X5R, 1206	1206
C5	1	22uF	GRM32EC81E226KE15L	MuRata	CAP, CERM, 22uF, 25V, +/-10%, X6S, 1210	1210
C6	1	2200pF	C3216C0G2J222J	TDK	CAP, CERM, 2200pF, 630V, +/-5%, C0G/NP0, 1206	1206
C100	1	0.47uF	ECQ-U2A474ML	Panasonic	CAP, Film, 0.47uF, 275V, +/-20%, TH	Radial 25x8.5x18.5
D1	1	RH06-T	RH06-T	Diodes Inc.	Diode, Switching-Bridge, 600V, 0.5A, MiniDIP	MiniDIP
D2	1	STPS1150A	STPS1150A	ST Microelectronics	Diode, Schottky, 150V, 1A, SMA	SMA
D3	1	BAS21	BAS21-7-F	Diodes Inc.	Diode, Switching, 200V, 0.2A, SOT-23	SOT-23
D4	1	UF4006	UF4006	Vishay	Diode, UltraFast Rectifier, 800V, 1A	DO-41
L1, L2	2	470uH	744772471	Würth Elektronik eiSos	Inductor, Drum Core, Ferrite, 470uH, 0.43A, 0.8 ohm, THT	Dia 7.8x9.5mm
L100, L101	2	2.2mH	RLB1112-222V4J	Bourns	Inductor, Wirewound, Ferrite, 2.2 mH, 0.3 A, TH	D8.7xH12mm
R1	1	1.3k	CRCW06031K30JNEA	Vishay-Dale	RES, 1.3k ohm, 5%, 0.1W, 0603	0603
R3	1	75k	CRCW060375K0JNEA	Vishay-Dale	RES, 75k ohm, 5%, 0.1W, 0603	0603
R4	1	26.7k	CRCW060326K7FKEA	Vishay-Dale	RES, 26.7k ohm, 1%, 0.1W, 0603	0603
R5	1	22	RR1220Q-220-D	Susumu Co Ltd	RES, 22 ohm, 0.5%, 0.1W, 0805	0805
R6	1	22k	CRCW060322K0JNEA	Vishay-Dale	RES, 22k ohm, 5%, 0.1W, 0603	0603
R7	1	100	CRCW0805100RFKEA	Vishay-Dale	RES, 100 ohm, 1%, 0.125W, 0805	0805
R8	1	220k	CRCW1206220KJNEA	Vishay-Dale	RES, 220k ohm, 5%, 0.25W, 1206	1206
R9, R10	2	6.8k	CRCW12066K80JNEA	Vishay-Dale	RES, 6.8k ohm, 5%, 0.25W, 1206	1206
R11	1	10 Ohm	NFR0100001009JA100	Vishay	Resistor, Fusible, 1W, 5%	0.157X0.394 inch
R12	1	S10K275E2	SIOV-S10K275E2	Epcos	Varistor, 275V, 25A	0.472 x 0.213 inch
R100, R101	2	10k	CRCW120610K0JNEA	Vishay-Dale	RES, 10 k, 5%, 0.25 W, 1206	1206
T1	1	750313829-r0	750313829-r0	Wuerth	1 Input 1 Output XFMR	EP13
TP1, TP2, TP3	3	Red	5000	Keystone	Test Point, TH, Miniature, Red	Keystone5000
TP4	1	Black	5001	Keystone	Test Point, TH, Miniature, Black	Keystone5001
U1	1	UCC28910D	UCC28910D	Texas Instruments	LOW STAND-BY POWER, CV / CC PWM HV SWITCHER WITH PRIMARY SIDE REGULATION, D0007A	SOIC7

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