PMP23445 REV C Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
!PCB1	1		PMP23445	Any	Printed Circuit Board	
C1	1	0.22uF	B32529D3224J	TDK	CAP, Film, 0.22 uF, 250 V, +/- 5%, TH	7.8x13x7.8
C2	1	2.2µF	ECA2EM2R2	Panasonic	Aluminum Electrolytic Capacitors (Radial Lead Type) 2.2uF ±20% 250V	RADIAL
C3, C4	2	0.1uF	GRM188R71C104KA01D	MuRata	CAP, CERM, 0.1 uF, 16 V, +/- 10%, X7R, 0603	0603
C5, C6	2	100uF	GRM31CR60J107ME39L	MuRata	CAP, CERM, 100 uF, 6.3 V, +/- 20%, X5R, 1206	1206
C7	1	1000uF	ECA-0JHG102	Panasonic	CAP, AL, 1000 uF, 6.3 V, +/- 20%, TH	D8xL13
C101	1	0.033uF	GRM188R71C333KA01D	MuRata	CAP, CERM, 0.033 uF, 16 V, +/- 10%, X7R, 0603	0603
D1	1	200V	HD02-T	Diodes Inc.	Diode, Switching-Bridge, 200 V, 0.8 A, MiniDIP	MiniDIP
D2	1	200V	MBRS3200T3G	ON Semiconductor	Diode, Schottky, 200 V, 3 A, SMB	SMB
F1	1		0454001.MR	Littelfuse	Fuse, 1 A, 125VAC/VDC, SMD	SloBlo452
GND	2		5011	Keystone Electronics	Test Point, Multipurpose, Black, TH	Black Multipurpose Testpoint
H1, H2, H3, H4	4		4824	Keystone		HEX STANDOFF 6-32 NYLON 1-1/2 inch
L1	1			Wurth Elektronik	WE-LQ SMT Power Inductor, size 1812, 390uH, 0.11A	
L2	1		MSD1278T-224KLD	Coilcraft	Coupled Inductors 220uH Shld 10% 1.05A 690mOhms AECQ2	SMT_IND_12MM3_12MM3
LIN	1		5125	Keystone	Test Point, Multipurpose, Brown, TH	Brown Multipurpose Testpoint
NEU	1		5127	Keystone	Test Point, Multipurpose, Blue, TH	Blue Multipurpose Testpoint
R1	1	4.99k	CRCW06034K99FKEAC	Vishay-Dale	RES, 4.99 k, 1%, 0.1 W, 0603	0603
R2	1	1.00k	CRCW06031K00FKEA	Vishay-Dale	RES, 1.00 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R3	1	42.2k	CRCW060342K2FKEA	Vishay-Dale	RES, 42.2 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R4	1	24.9k	CRCW060324K9FKEA	Vishay-Dale	RES, 24.9 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R5	1	10	CRCW060310R0FKEA	Vishay-Dale	RES, 10.0, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
U1	1		UCC28881DR	Texas Instruments	700-V Lowest Quiescent Current Off-Line Switcher, D0007A (SOIC-7)	D0007A
U2	1		TCMT1107	Vishay-Semiconductor	Optocoupler, 3.75 kV, 80-160% CTR, SMT	SOP-4
U3	1		TLVH432BCDBZR	Texas Instruments	Low-Voltage Adjustable Precision Shunt Regulator, 129 ppm / degC, 80 mA, 0 to 70 degC, 3-pin SOT-23 (DBZ), Green (RoHS & no Sb/Br)	DBZ0003A
Va, VOUT	2		5010	Keystone Electronics	Test Point, Multipurpose, Red, TH	Red Multipurpose Testpoint
Vb	1		5012	Keystone Electronics	Test Point, Multipurpose, White, TH	White Multipurpose Testpoint

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