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PMP20634 REV C Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	C1	1	22uF	EKXG401ELL220MK20S	Chemi-Con	CAP, AL, 22 µF, 400 V, +/- 20%, TH	12.5x20mm
2	C2	1	0.1uF	ECQ-U3A104MG	Panasonic	CAP, Film, 0.1 uF, 300 V, +/- 20%, TH	TH, 2-Leads, Body 15x8mm, Pin Spacing 12.5mm
3	C3	1	680uF	EKZE250ELL681MJ20S	Chemi-Con	CAP, AL, 680 µF, 25 V, +/- 20%, TH	D10xL20mm
4	C4	1	10uF	GRM219R61E106KA12	MuRata	CAP, CERM, 10 µF, 25 V, +/- 10%, X5R, 0805	0805
5	C5	1	2200pF	VY2222M35Y5US6UV5	Vishay-Bccomponents	CAP, CERM, 2200pF, 300 V, +/- 20%, Y5U, CAPRD500W60D900H1200	CAPRD500W60D900 H1200
6	C6	1	4.7uF	GRM188R6YA475KE15D	MuRata	CAP, CERM, 4.7 µF, 35 V, +/- 10%, X5R, 0603	0603
7	D1	1	600V	RH06-T	Diodes Inc.	Diode, Switching-Bridge, 600 V, 0.5 A, MiniDIP	MiniDIP
8	D2	1	110V	SMBJ110A-13-F	Diodes Inc.	Diode, TVS, Uni, 110 V, 177 Vc, SMB	SMB
9	D3	1	1.05V	MURA160T3G	ON Semiconductor	Diode, Ultrafast, 600V, 1A, SMA	SMA
10	D4	1	100V	B3100-13-F	Diodes Inc.	Diode, Schottky, 100 V, 3 A, SMC	SMC
11	D5	1	100V	BA516J.135	NXP Semiconductor	Diode, Switching, 100 V, 0.25 A, SOD-323F	SOD-323F
12	F1	1		0443001.DR	Littelfuse	Fuse, 1 A, 250VAC/VDC, SMD	FUSE 10.1x3.12x3.13mm
13	L1	1		7448010911	Würth Electronics	Common Mode Chokes Dual 11mH 10kHz 900mA 430mOhm DCR Thru-Hole T/R	PTH_CMC_14MM0_7 MM5
14	L2	1	360uH	7447037	Würth Electronics	360 µH Unshielded Toroidal Inductor 400 mA 450mOhm Max Radial, Vertical (Open)	RADIAL
15	Q1	1	600V	FCD4N60TM	Fairchild Semiconductor	MOSFET, N-CH, 600 V, 3.9 A, DPAK	DPAK
16	R1	1	10k	CRCW120610K0JNEA	Vishay-Dale	RES, 10 k, 5%, 0.25 W, AEC-Q200 Grade 0, 1206	1206
17	R2, R3	2	0	CRCW04020000Z0ED	Vishay-Dale	RES, 0, 5%, 0.063 W, 0402	0402
18	R4	1	73.2k	CRCW040273K2FKED	Vishay-Dale	RES, 73.2 k, 1%, 0.063 W, 0402	0402
19	R5	1	1.33k	CRCW04021K33FKED	Vishay-Dale	RES, 1.33 k, 1%, 0.063 W, 0402	0402
20	R6, R7	2	1.6	CRCW08051R60JNEA	Vishay-Dale	RES, 1.6, 5%, 0.125 W, 0805	0805
21	R8	1	33.2k	CRCW040233K2FKED	Vishay-Dale	RES, 33.2 k, 1%, 0.063 W, 0402	0402
22	T1	1	500uH	750316686	Würth Elektronik	Transformer, 500 uH, EE16/8/5, TH	EE16/8/5
23	TP1, TP3	2		5012	Keystone	Test Point, Multipurpose, White, TH	White Multipurpose Testpoint
24	TP2	1		5010	Keystone	Test Point, Multipurpose, Red, TH	Red Multipurpose Testpoint
25	TP4	1		5011	Keystone	Test Point, Multipurpose, Black, TH	Black Multipurpose Testpoint
26	U1	1		UCC28730DR	Texas Instruments	Constant-Voltage Constant-Current Flyback Controller With PSR and Wake-Up Monitoring, D0007A (SOIC-7)	D0007A
27	R9	0	115k	CRCW0402115KFKED	Vishay-Dale	RES, 115 k, 1%, 0.063 W, 0402	0402

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