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PMP30605 REV A Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	C1	1	DNP	DNP	TDK	DNP	1206
2	C2, C3	2	15uF	UVC2G150MPD	Nichicon	CAP, AL, 15 μ F, 400 V, +/- 20%, TH	Cap, 10x18mm
3	C4	1	0.1uF	R46KF310000P1M	Kemet	CAP, Film, 0.1 μ F, 275 Vac, +/- 20%, TH	13x11x5mm
4	C5	1	1000uF	16ZLJ1000MCE10X16	Rubycon	CAP, AL, 1000 μ F, 16 V, +/- 20%, TH	CAPPR5-10x16
5	C6	1	22uF	GRM21BR61E226ME44L	MuRata	CAP, CERM, 22 μ F, 25 V, +/- 20%, X5R, 0805	0805
6	C7, C11	2	0.1uF	C1608X7R1H104K	TDK	CAP, CERM, 0.1 μ F, 50 V, +/- 10%, X7R, 0603	0603
7	C8, C9	2	2200pF	R413F12200000M	Kemet	CAP, Film, 2200 pF, 300 VAC, Class Y2, R41 +/- 20%, TH	13x4x9mm
8	C10	1	47uF	EEU-FM1E470	Panasonic	CAP, AL, 47 μ F, 25 V, +/- 20%, 0.3 ohm, TH	5.0x11.0mm
9	D1, D3	2	ES2D-13-F	ES2D-13-F	Diodes Inc.	Diode, Ultrafast, 200 V, 2 A, SMB	SMB
10	D2	1	DF406SL	DF406SL	Bourns	Diode, Bridge, 600 V, 4 A	0.41 " x 0.32 "
11	D4	1	US1J-13-F	US1J-13-F	Diodes Inc.	Diode, Ultrafast, 600 V, 1 A, SMA	SMA
12	D5	1	BAS20HT1G	BAS20HT1G	ON Semiconductor	DIODE SWITCH 200V 200MA SOD323	SOD-323
13	D100	1	58V	SMAJ58A	Diodes Inc.	Diode, TVS, Uni, 58 V, 400 W, SMA	SMA
14	D101	1	75V	SMAJ75A	Diodes Inc.	Diode, TVS, Uni, 58 V, 400 W, SMA	SMA
15	F1	1	1A	RST 1-BULK	Bel Fuse	FUSE BOARD MOUNT 1A 250VAC RAD	8.35x7.7x4mm
16	J1	1		CIM029P5	CIM	Header (Shrouded), 5.08 mm, 2x1, Tin, R/A, TH	Header, 5.08 mm, 2x1, R/A, TH
17	L1	1	1mH	7447462102	Würth Elektronik	Inductor, Unshielded Drum Core, Ferrite, 1 mH, 0.25 A, 4.38 ohm, TH	D6 x 8.5mm
18	L2	1	10mH	744821110	Würth Elektronik	Coupled inductor, 10 mH, 0.7 A, 0.35 ohm, TH	15 x 18 x 7.5mm
19	R1, R3	2	47k	DNP	Vishay-Dale	DNP	1206
20	R2	1	47k	0 Ohm	Vishay-Dale	0 Ohm	1206
21	R4	1	18.2k	CRCW060318K2FKEA	Vishay-Dale	RES, 18.2 k, 1%, 0.1 W, 0603	0603
22	R5	1	47.5	CRCW080547R5FKEA	Vishay-Dale	RES, 47.5, 1%, 0.125 W, 0805	0805
23	R6	1	15.0	CRCW060315R0FKEA	Vishay-Dale	RES, 15.0 ohm, 1%, 0.1W, 0603	0603
24	R7	1	73.2k	CRCW060373K2FKEA	Vishay-Dale	RES, 73.2 k, 1%, 0.1 W, 0603	0603
25	R8	1	24.0k	RC0603FR-0724KL	Yageo America	RES, 24.0 k, 1%, 0.1 W, 0603	0603
26	R9	1	1.00k	CRCW06031K00FKEA	Vishay-Dale	RES, 1.00 k, 1%, 0.1 W, 0603	0603
27	RT1	1	5 ohm	MF72-005D5	Cantherm	Thermistor NTC, 5 ohm, 20%, MF72D5 TH	MF72D5 TH
28	RV1	1	275Vac	B72214S271K101	TDK	VARISTOR 275Vac 6KA DISC 14MM	D15.5xT5mm
29	T1	1	880 uH	BS64048CT	Bourns	Transformer, 880 uH, TH	TH, 9-Leads, Body 21.2x22 mm
30	TP1, TP18	2	Red	5000	Keystone	Test Point, Miniature, Red, TH	Red Miniature Testpoint
31	TP2	1	Black	5001	Keystone	Test Point, Miniature, Black, TH	Black Miniature Testpoint
32	U1	1	UCC28911DR	UCC28911DR	Texas Instruments	High Voltage Flyback Switcher with Primary-side Regulation and Constant-Current Control, D0007A	D0007A

DNP = "do not populate"

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