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PMP20744 REV A Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	C1	1	470pF	STD	STD	CAP, CERM, 630V, +/-10%, X7R, 1206	1206
2	C2	1	4.7uF	400BXC4.7MEFC10X16	Rubycon	CAP, AL, 4.7uF, 400V, +/-20%, TH	RCAP, TH, 10 x 20mm
3	C3	1	10uF	400BXC10MEFC10X20	Rubycon	CAP, AL, 10uF, 400V, +/-20%, TH	RCAP, TH, 10 x 20mm
4	C4	1	330uF	UHE1E331MPT6	Nichicon	CAP ALUM 330UF 25V 20% RADIAL	10x12.5mm
5	C5, C8, C9	3	1uF	STD	STD	CAP, CERM, 25V, +/-10%, X7R, 0805	0805
6	C6	1	470pF	VY2471K29Y5SS63V7	Vishay-Bccomponents	CAP, CERM, 470 pF, 300 V, +/- 10%, VY2, 5x7.5 mm	5x7.5 mm
7	C7	1	10uF	STD	STD	CAP, CERM, 25V, +/-10%, X5R, 1206	1206
8	C100	1	1000pF	STD	STD	CAP, CERM, 100V, +/-10%, COG, 0805	0805
9	D1	1	600V	DF06S	Vishay-Semiconductor	Diode, Switching-Bridge, 600V, 1A, DF-S	DF-S
10	D2	1	1.1V	CGRM4007-G	Comchip Technology	Diode, P-N, 1000V, 1A, SOD-123	SOD-123
11	D3	1	0.85V	SS110-TP	Micro Commercial Components	Diode, Schottky, 100V, 1A, SMA	SMA
12	D4	1	100V	MMBD914	Fairchild Semiconductor	Diode, P-N, 100V, 0.2A, SOT-23	SOT-23
13	L1	1	220uH	7447462221	Wurth Elektronik	Inductor, Unshielded Drum Core, Ferrite, 220 uH, 0.5 A, 0.96 ohm, TH	D6 x 8.5mm
14	Q1	1	0.4V	PHE13003A, 126	NXP Semiconductor	Transistor, NPN, 400V, 1A, TO-92	TO-92
15	R1	1	300k	STD	STD	RES, 5%, 0.25W, 1206	1206
16	R2	1	200	STD	STD	RES, 5%, 0.125W, 0805	0805
17	R3	1	20	STD	STD	RES, 1%, 0.1W, 0603	0603
18	R4	1	10k	STD	STD	RES, 1%, 0.1W, 0603	0603
19	R5	1	54.9k	STD	STD	RES, 1%, 0.1W, 0603	0603
20	R6	1	1k	STD	STD	RES, 1%, 0.1W, 0603	0603
21	R7	1	26.7k	STD	STD	RES, 1%, 0.1W, 0603	0603
22	R8	1	2.2	STD	STD	RES, 5%, 0.125W, 0805	0805
23	R100	1	200	STD	STD	RES, 1%, 0.1W, 0603	0603
24	R101, R102, R103	3	0	STD	STD	RES, 1%, 0.1W, 0603	0603
25	RF1	1	22	EMC2-22RK1	TT Electronics/IRC	RES, 22 ohm, 10%, 2W, Fusible, TH	Axial resistor
26	T1	1	1.8mH	G154039	GCI Technologies	Transformer, Flyback, 1.8mH, TH	17x15x16mm
27	TP1, TP2	2	White	5002	Keystone	Test Point, TH, Miniature, White	Keystone5002
28	TP3, TP5	2	Red	5000	Keystone	Test Point, Miniature, Red, TH	Red Miniature Testpoint
29	TP4, TP6	2	Black	5001	Keystone	Test Point, Miniature, Black, TH	Black Miniature Testpoint
30	U1	1		UCC28720D	Texas Instruments	CONSTANT-VOLTAGE, CONSTANT-CURRENT CONTROLLER WITH PRIMARY SIDE REGULATION, D0007A	D0007A
31	U2	1		ZSR330GTA	Zetex	IC, Regulator, LDO, 3.3V, .2A, SOT-223	SOT-223

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Mailing Address: Texas Instruments, Post Office Box 655303, Dallas, Texas 75265
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