

Variant: 001
 Generated: 6/19/2019 4:03:44 PM
 TID #: N/A



PMP22056 REV A Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	!PCB1	1		PMP22056	Any	Printed Circuit Board	
2	C1	1	470pF	C3216C0G2J471J085AA	TDK	CAP, CERM, 470 pF, 630 V, +/- 5%, C0G/NP0, 1206	1206
3	C2	1	4.7uF	400AX4.7MEFC8X9	Rubycon	CAP, AL, 4.7 uF, 400 V, +/- 20%, TH	D8xL9mm
4	C3	1	0.01uF	LDEPD2100KA5N00	Kemet	CAP, Film, 0.01 uF, 630 V, +/- 10%, AEC-Q200 Grade 1, 2220 SMD	2220
5	C4	1	470uF	6TPE470MAZU	Panasonic	CAP, Tantalum Polymer, 470 uF, 6.3 V, +/- 20%, 0.035 ohm, 7343-20 SMD	7343-20
6	C5	1	10uF	C2012X7R0J106M125AB	TDK	CAP, CERM, 10 uF, 6.3 V, +/- 20%, X7R, 0805	0805
7	C6	1	0.1uF	CGA2B3X7R1H104K050BB	TDK	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0402	0402
8	C100	1	270pF	GRM155R72A271KA01D	MuRata	CAP, CERM, 270 pF, 100 V, +/- 10%, X7R, 0402	0402
9	D1	1	600V	CD-MBL206SL	Bourns	Diode, P-N-Bridge, 600 V, 2 A, 5.8x5.3mm	5.8x5.3mm
10	D2	1	600V	STTH1R06A	ST Microelectronics	Diode, Ultrafast, 600 V, 1 A, SMA	SMA
11	D3	1	40V	MBRA340T3G	ON Semiconductor	Diode, Schottky, 40 V, 3 A, SMA	SMA
12	D100	1	5.6V	MMSZ5232BS-7-F	Diodes Inc.	Diode, Zener, 5.6 V, 200 mW, SOD-323	SOD-323
13	F1	1		0443.500DR	Littelfuse	Fuse, 0.5 A, 250VAC/VDC, SMD	FUSE 10.1x3.12x3.13mm
14	L1	1	1mH	7447462102	Würth Elektronik eiSos	Inductor, Unshielded Drum Core, Ferrite, 1 mH, 0.25 A, 4.38 ohm, TH	D6 x 8.5mm
15	Q100	1	60V	2N7002	Fairchild Semiconductor	MOSFET, N-CH, 60 V, 115 A, SOT-23	SOT-23
16	R1	1	100k	CRCW0603100KJNEA	Vishay-Dale	RES, 100 k, 5%, 0.1 W, 0603	0603
17	R2	1	88.7k	CRCW060388K7FKEA	Vishay-Dale	RES, 88.7 k, 1%, 0.1 W, 0603	0603
18	R3	1	22.1k	CRCW060322K1FKEA	Vishay-Dale	RES, 22.1 k, 1%, 0.1 W, 0603	0603
19	R100	1	10.0k	RT0402BRD0710KL	Yageo America	RES, 10.0 k, .1%, .0625 W, 0402	0402
20	T1	1		750318452	Würth Electronics	TRANSFORMER 10mH, Leak 150uH, 20:1, 50kHz, 1500VAC	XFMR_10MM16_8M M26_PTH_6
21	TP1, TP3	2	White	5002	Keystone	Test Point, Miniature, White, TH	White Miniature Testpoint
22	TP2	1	Red	5000	Keystone	Test Point, Miniature, Red, TH	Red Miniature Testpoint
23	TP4	1	Black	5001	Keystone	Test Point, Miniature, Black, TH	Black Miniature Testpoint
24	U1	1		UCC28880DR	Texas Instruments	700-V Lowest Quiescent Current Off-Line Switcher, D0007A	D0007A
25	C7	0	220pF	CGA2B2X8R1H221K050BA	TDK	CAP, CERM, 220 pF, 50 V,+/- 10%, X8R, AEC-Q200 Grade 0, 0402	0402

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