

Variant: 001  
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**PMP22161 REV B Bill of Materials**

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	IPCB1	1		PMP22161	Any	Printed Circuit Board	
2	C1	1	10uF	UVR1V100MDD1TA	Nichicon	CAP, AL, 10uF, 35V, +/-20%, TH	CAPPR2-5x11
3	C2	1	2.2uF	GCM31CR71H225KA55L	MuRata	CAP, CERM, 2.2 uF, 50 V, +/- 10%, X7R, AEC-Q200 Grade 1, 1206	1206
4	C3	1	22pF	06035A220JAT2A	AVX	CAP, CERM, 22pF, 50V, +/-5%, C0G/NP0, 0603	0603
5	C4	1	10uF	EEU-EE2G100	Panasonic	CAP ALUM 10UF 400V 20% RADIAL	8x11
6	C5	1	330uF	10ZLH330MEFC6.3X11	Rubycon	CAP, AL, 330 uF, 10 V, +/- 20%, 0.094 ohm, TH	Radial Leaded, 2-Leads, Dia 6.3mm, Height 11mm, Pin Spacing 2.5mm
7	C6	1	1uF	08055C105KAT2A	AVX	CAP, CERM, 1uF, 50V, +/-10%, X7R, 0805	0805
8	D1	1	100V	1N4148W-7-F	Diodes Inc.	Diode, Ultrafast, 100V, 0.15A, SOD-123	SOD-123
9	D2, D3	2	600V	RS07J-GS08	Vishay-Semiconductor	DIODE GP 600V 500MA DO219AB	DO-219AB
10	D4	1	600V	RH06-T	Diodes Inc.	Diode, Switching-Bridge, 600 V, 0.5 A, MiniDIP	MiniDIP
11	D5	1	600V	MURS160-13-F	Diodes Inc.	Diode, Ultrafast, 600V, 1A, SMB	SMB
12	GND, N	2		5001	Keystone	Test Point, Miniature, Black, TH	Black Miniature Testpoint
13	J1	1		923345-04-C	3M	Jumper Wire, 400 mil Spacing, Yellow, Pkg of 200	Jumper Wire, 400 mil Spacing, Yellow, Pkg of 200
14	J2, J3	2		923345-07-C	3M	Jumper Wire, 700mil spacing, Violet, pkg of 150, TH	700 mil Jumper Wire
15	L1	1	68uH	MSD1583-683MEB	Coilcraft	Coupled inductor, 68 uH	IND_14.8x8.6x14.8mm, SMD
16	L, Vout	2		5000	Keystone	Test Point, Miniature, Red, TH	Red Miniature Testpoint
17	Q1	1		IPN60R3K4CEATMA1	Infineon Technologies	MOSFET NCH 600V 2.6A SOT223	SOT223-3
18	R1	1	20.5k	CRCW060320K5FKEA	Vishay-Dale	RES, 20.5 k, 1%, 0.1 W, 0603	0603
19	R2	1	301	CRCW0603301RFKEA	Vishay-Dale	RES, 301, 1%, 0.1 W, 0603	0603
20	R3, R7	2	3.3Meg	CRCW12063M30JNEA	Vishay-Dale	RES, 3.3Meg ohm, 5%, 0.25W, 1206	1206
21	R4	1	511	CRCW0603511RFKEA	Vishay-Dale	RES, 511 ohm, 1%, 0.1W, 0603	0603
22	R5	1	35.7k	CRCW060335K7FKEA	Vishay-Dale	RES, 35.7 k, 1%, 0.1 W, 0603	0603
23	R6	1	475k	CRCW1206475KFKFA	Vishay-Dale	RES, 475k ohm, 1%, 0.25W, 1206	1206
24	R8	1	0.22	ERJ-8RQFR22V	Panasonic	RES, 0.22, 1%, 0.25 W, 1206	1206
25	R9, R10	2	2.0k	CRCW12062K00JNEA	Vishay-Dale	RES, 2.0 k, 5%, 0.25 W, 1206	1206
26	RF1	1	4.7	FKN1WSJR-52-4R7	Yageo America	RES, 4.7 ohm, 5%, 1W, Fusible, TH	Axial resistor
27	U1	1		UCC28704DBVR-1	Texas Instruments	Off-Line Constant-Voltage Constant-Current Flyback Controller With Primary-Side Regulation (PSR), DBV0006A (SOT-23-6)	DBV0006A

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