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PMP11124 REV B Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	IPCB1	1		PMP11124	Any	Printed Circuit Board	
2	C1, C8, C9, C10	4	1uF	GRM155R61A105KE15D	MuRata	CAP, CERM, 1uF, 10V, +/-10%, X5R, 0402	0402
3	C2, C3	2	10uF	UCY2G100MPD1TD	Nichicon	CAP, AL, 10 uF, 400 V, +/- 20%, ohm, TH	D10xL16
4	C4	1	47pF	GRM155C1H470FA01D	MuRata	CAP, CERM, 47 pF, 50 V, +/- 1%, C0G/NP0, 0402	0402
5	C5	1	0.1uF	B32922C3104M	EPCOS Inc	CAP, Film, 0.1 uF, 630 V, +/- 20%, TH	B32922, 10.5mm
6	C6, C7	2	820uF	RL80J821MDN1KX	Nichicon	CAP, AL, 820uF, 6.3V, +/-20%, 0.008 ohm, TH	D8xL8
7	C11	1	10uF	GRM219R61A106KE44D	MuRata	CAP, CERM, 10 uF, 10 V, +/- 10%, X5R, 0805	0805
8	C13	1	1uF	GRM21BR71H105KA12L	MuRata	CAP, CERM, 1uF, 50V, +/-10%, X7R, 0805	0805
9	C15	1	2200pF	CS11-E2GA222MYNS	TDK	CAP, CERM, 2200 pF, 250 V, +/- 20%, E, Radial Disc D10.5x7mm	Radial Disc D10.5x7mm
10	D1	1	600V	RH06-T	Diodes Inc.	Diode, Switching-Bridge, 600V, 0.5A, MiniDIP	MiniDIP
11	D2	1	75V	SMCJ75A	Fairchild Semiconductor	Diode, TVS, Uni, 75 V, 1500 W, SMC	SMC
12	D3	1	1.05V	MRA4007	ON Semiconductor	DIODE GEN PURPOSE 1000V 1A SMA	SMA
13	D4	1	50V	SBR15U50SP5-13	Diodes Inc.	Diode, Super Barrier Rectifier, 50 V, 15 A, PowerDI5	PowerDI5
14	D5	1	200V	BAS21-7-F	Diodes Inc.	Diode, Switching, 200 V, 0.2 A, SOT-23	SOT-23
15	D8	1	Blue	LB Q39G-L2N2-35-1	OSRAM	LED, Blue, SMD	BLUE 0603 LED
16	F1	1		0443001.DR	Littelfuse	Fuse, 1 A, 250 V, SMD	FUSE 10.1x3.12x3.13mm
17	J1	1		770W-X2/10	Qualtek Electronics Corporation	AC Receptacle, 2.5A, R/A, TH	AC, Reception 14.5x15x22 mm
18	J2	1		12401548E4#2A	Amphenol Canada	Connector, Receptacle, USB Type C, R/A, TH	Connector, Receptacle, USB Type C, R/A, TH
19	L1	1	100uH	CDRH6D28NP-101NC	Sumida	Inductor, Shielded Drum Core, Ferrite, 100 uH, 0.54 A, 0.535 ohm, SMD	CDRH6D28
20	L2	1	4000uH	744821240	Würth Elektronik eiSos	Coupled inductor, 4000uH, 1.5A, 0.14 ohm, +/-30%, TH	15 x 18 x 7.5mm
21	L3	1	50 ohm	HI1206T500R-10	Laird-Signal Integrity Products	Ferrite Bead, 50 ohm @ 100MHz, 6A, 1206	1206
22	Q1	1	600V	AOD7S60	AOS	MOSFET, N-CH, 600 V, 7 A, DPAK	DPAK
23	R2	1	51	CRCW120651R0JNEA	Vishay-Dale	RES, 51, 5%, 0.25 W, 1206	1206
24	R3, R6	2	2.00Meg	CRCW12062M00FKEA	Vishay-Dale	RES, 2.00 M, 1%, 0.25 W, 1206	1206
25	R4	1	51	CRCW201051R0JNEF	Vishay-Dale	RES, 51, 5%, 0.75 W, 2010	2010
26	R7	1	1.21k	CRCW04021K21FKED	Vishay-Dale	RES, 1.21 k, 1%, 0.063 W, 0402	0402
27	R8	1	20.0	CRCW040220R0FKED	Vishay-Dale	RES, 20.0, 1%, 0.063 W, 0402	0402
28	R9	1	137k	CRCW0402137KFKED	Vishay-Dale	RES, 137 k, 1%, 0.063 W, 0402	0402
29	R10	1	1.78k	CRCW04021K78FKED	Vishay-Dale	RES, 1.78 k, 1%, 0.063 W, 0402	0402
30	R11	1	100k	CRCW0402100KFKED	Vishay-Dale	RES, 100 k, 1%, 0.063 W, 0402	0402
31	R12	1	46.4k	CRCW040246K4FKED	Vishay-Dale	RES, 46.4 k, 1%, 0.063 W, 0402	0402
32	R13	1	0.51	CRM0805-FX-R510ELF	Bourns	RES, 0.51, 1%, 0.25 W, 0805	0805
33	R14	1	75.0k	CRCW040275K0FKED	Vishay-Dale	RES, 75.0 k, 1%, 0.063 W, 0402	0402
34	R15	1	499	CRCW0402499RFKED	Vishay-Dale	RES, 499, 1%, 0.063 W, 0402	0402
35	T1	1	170 uH	G154020LF	GCI Technologies	Transformer, 170 uH, TH	21x21mm
36	TP2	1	Black	5011	Keystone	Test Point, Multipurpose, Black, TH	Black Multipurpose Testpoint
37	TP3	1	Red	5000	Keystone	Test Point, Miniature, Red, TH	Red Miniature Testpoint
38	U1	1		TPS2514ADB	Texas Instruments	USB Dedicated Charging Port Controller, DBV0006A	DBV0006A
39	U2	1		TPS25810RVC	Texas Instruments	USB Type-C DFP Controller and Power Switch with Load Detection, RVC0020A	RVC0020A
40	U3	1		UCC28700DBVR	Texas Instruments	Constant-Voltage, Constant-Current Controller With Primary-Side Regulation, DBV0006A	DBV0006A
41	R1, R5	0	0	CRCW2010000Z0EF	Vishay-Dale	RES, 0, 5%, 0.75 W, 2010	2010

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