

Variant: 001
 Generated: 10/28/2015 8:25:03 AM
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PMP11295 REV D Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	IPCB1	1		PMP11295	Any	Printed Circuit Board	
2	C1, C8, C9, C10, C12, C100	6	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	GRM1555C1H470FA01D	MuRata	CAP, CERM, 47 pF, 50 V, +/- 1%, COG/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	22uF	GRM21BR61C226ME44	MuRata	CAP, CERM, 22 uF, 16 V, +/- 20%, X5R, 0805	0805
8	C13	1	1uF	GRM21BR71H105KA12L	MuRata	CAP, CERM, 1uF, 50V, +/-10%, X7R, 0805	0805
9	C15	1	1000pF	VY2102M29Y5UG63V7	Vishay-Bccomponents	CAP, CERM, 1000 pF, 300 V, +/- 20%, Y5U, Radial Disc 7.5mm, Is=7.5	Radial Disc 7.5mm, Is=7.5
10	D1	1	600V	RH06-T	Diodes Inc.	Diode, Switching-Bridge, 600V, 0.5A, MiniDIP	MiniDIP
11	D2	1	150V	SMCJ150A-TP	Micro Commercial Components	Diode, TVS, Uni, 150 V, 1500 W, SMC	SMC
12	D3	1	1.05V	MRA4007	ON Semiconductor	DIODE GEN PURPOSE 1000V 1A SMA	SMA
13	D5	1	200V	BAS21-7-F	Diodes Inc.	Diode, Switching, 200 V, 0.2 A, SOT-23	SOT-23
14	D8	1	Blue	LB Q39G-L2N2-35-1	OSRAM	LED, Blue, SMD	BLUE 0603 LED
15	F1	1		0443001.DR	Littelfuse	Fuse, 1 A, 250 V, SMD	FUSE 10.1x3.12x3.13mm
16	J1	1		770W-X2/10	Qualtek Electronics Corporation	AC Receptacle, 2.5A, R/A, TH	AC, Reception 14.5x15x22 mm
17	J2	1		12401548E4#2A	Amphenol Canada	Connector, Receptacle, USB Type C, R/A, TH	Connector, Receptacle, USB Type C, R/A, TH
18	L1	1	100uH	CDRH6D28NP-101NC	Sumida	Inductor, Shielded Drum Core, Ferrite, 100 uH, 0.54 A, 0.535 ohm, SMD	CDRH6D28
19	L3	1	50 ohm	HI1206T500R-10	Laird-Signal Integrity Products	Ferrite Bead, 50 ohm @ 100MHz, 6A, 1206	1206
20	Q1	1	600V	AOD7S60	AOS	MOSFET, N-CH, 600 V, 7 A, DPAK	DPAK
21	Q2	1	60V	CSD18540Q5B	Texas Instruments	MOSFET, N-CH, 60 V, 28 A, SON 5x6mm	SON 5x6mm
22	R1	1	249k	CRCW0402249KFKED	Vishay-Dale	RES, 249 k, 1%, 0.063 W, 0402	0402
23	R2	1	51	CRCW120651R0JNEA	Vishay-Dale	RES, 51, 5%, 0.25 W, 1206	1206
24	R5	1	150k	CRCW0402150KFKED	Vishay-Dale	RES, 150 k, 1%, 0.063 W, 0402	0402
25	R7	1	24.9k	CRCW040224K9FKED	Vishay-Dale	RES, 24.9 k, 1%, 0.063 W, 0402	0402
26	R8	1	20.0	CRCW040220R0FKED	Vishay-Dale	RES, 20.0, 1%, 0.063 W, 0402	0402
27	R9	1	110k	CRCW0402110KFKED	Vishay-Dale	RES, 110 k, 1%, 0.063 W, 0402	0402
28	R10	1	1.78k	CRCW04021K78FKED	Vishay-Dale	RES, 1.78 k, 1%, 0.063 W, 0402	0402
29	R11	1	100k	CRCW0402100KFKED	Vishay-Dale	RES, 100 k, 1%, 0.063 W, 0402	0402
30	R12	1	35.7k	CRCW040235K7FKED	Vishay-Dale	RES, 35.7 k, 1%, 0.063 W, 0402	0402
31	R13	1	0.51	CRM0805-FX-R510ELF	Bourns	RES, 0.51, 1%, 0.25 W, 0805	0805
32	R15	1	499	CRCW0402499RFKED	Vishay-Dale	RES, 499, 1%, 0.063 W, 0402	0402
33	R16	1	10.0k	CRCW040210K0FKED	Vishay-Dale	RES, 10.0 k, 1%, 0.063 W, 0402	0402
34	R17	1	37.4k	CRCW040237K4FKED	Vishay-Dale	RES, 37.4 k, 1%, 0.063 W, 0402	0402
35	R18, R100	2	20.0k	CRCW040220K0FKED	Vishay-Dale	RES, 20.0 k, 1%, 0.063 W, 0402	0402
36	T1	1	220 uH	G154042LF	GCI Technologies	Transformer, 170 uH, TH	21x21mm
37	TP2	1	Black	5011	Keystone	Test Point, Multipurpose, Black, TH	Black Multipurpose Testpoint
38	TP3	1	Red	5000	Keystone	Test Point, Miniature, Red, TH	Red Miniature Testpoint
39	U1	1		TPS2514ADB	Texas Instruments	USB Dedicated Charging Port Controller, DBV0006A	DBV0006A
40	U2	1		TPS25810RVC	Texas Instruments	USB Type-C DFP Controller and Power Switch with Load Detection, RVC0020A	RVC0020A
41	U3	1		UCC28730DR	Texas Instruments	Constant-Voltage Constant-Current Flyback Controller With PSR and Wake-Up Monitoring, D0007A	D0007A
42	U4	1		UCC24636DBVR	Texas Instruments	SYNCHRONOUS RECTIFIER CONTROLLER WITH LOW POWER STANDBY, DBV0006A	DBV0006A
43	U100	1		UCC24650DBVR	Texas Instruments	200-V Wake-Up Monitor for Fast Transient PSR, DBV0005A	DBV0005A

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