

PMP11232 REV A Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
C900	1	2200pF	DE6E3KJ222MN3A	MuRata	CAP, CERM, 2200 pF, 300 V, +/- 20%, E, TH, 2- Leads, Body 9x7mm, Pin Spacing 7.5mm	TH, 2- Leads, Body 9x7mm, Pin Spacing 7.5mm
C901	1	100uF	UPT2G101MHD6	Panasonic	CAP ALUM 100UF 400V 20% RADIAL	18x25
C902	1	100uF	GRM32ER60J107ME20L	MuRata	CAP, CERM, 100 uF, 6.3 V, +/- 20%, X5R, 1210	1210
C903	1	0.33uF	890324024003	Würth	CAP FILM 0.33UF 10% 275V RADIAL	TH, 2-Leads, Body 15x8mm, Pin Spacing 12.5mm
C904, C905, C906	3	680uF	PLE0J681MDO1	Nichicon	CAP ALUM 680UF 6.3V 20% RADIAL	10x12.5mm
C907	1	470uF	6.3YXJ470M6.3X11	Rubycon	CAP ALUM 470UF 6.3V 20% RADIAL	6.3x5.5mm
C908	1	1uF	C0603C105K4PACTU	Kemet	CAP, CERM, 1 uF, 16 V, +/- 10%, X5R, 0603	0603
C909	1	0.1uF	08053C104KAT2A	AVX	CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0805	0805
C910	1	100pF	C1608C0G2A101J	TDK	CAP, CERM, 100pF, 100V, +/-5%, C0G/NP0, 0603	0603
C911	1	2.2uF	GRM316R61E225KA12D	MuRata	CAP, CERM, 2.2 uF, 25 V, +/- 10%, X5R, 1206	1206
C912	1	0.1uF	06035C104KAT2A	AVX	CAP, CERM, 0.1uF, 50V, +/-10%, X7R, 0603	0603
C913, C915, C919, C920, C923, C925	6	1uF	GRM155R61A105KE15D	MuRata	CAP, CERM, 1uF, 10V, +/-10%, X5R, 0402	0402
C914, C917, C924, C926	4	47uF	GRM31CR61A476KE15L	MuRata	CAP, CERM, 47uF, 10V, +/-10%, X5R, 1206	1206
C916, C918, C921, C922	4	0.1uF	C1005X5R0J104K	TDK	CAP, CERM, 0.1uF, 6.3V, +/-10%, X5R, 0402	0402
D900, D904	2	600V	MURS360T3G	ON Semiconductor	Diode, Ultrafast, 600 V, 3 A, SMC	SMC
D901	1	800V	GBU4K-E3/45	Vishay-Semiconductor	Diode, Switching-Bridge, 800V, 4A, TH	GBU
D902	1	30V	BAT54-7-F	Diodes Inc.	Diode, Schottky, 30 V, 0.2 A, SOT-23	SOT-23
D903	1	100V	BAS316,115	NXP Semiconductor	Diode, Ultrafast, 100 V, 0.25 A, SOD-323	SOD-323
D905	1	5.1V	MMSZ5231B-7-F	Diodes Inc.	Diode, Zener, 5.1 V, 500 mW, SOD-123	SOD-123
D906	1	200V	ES1D-13-F	Diodes Inc.	Diode, Ultrafast, 200V, 1A, SMA	SMA
D907, D908	2	30V	BAT54HT1G	ON Semiconductor	Diode, Schottky, 30V, 0.2A, SOD-323	SOD-323
D909	1	16V	MMSZ5246BS-7-F	Diodes Inc.	Diode, Zener, 16 V, 200 mW, SOD-323	SOD-323
F900	1		RST 2-BULK	Bel Fuse	FUSE BOARD MOUNT 2A 250VAC RAD	8.35x7.7x4mm
J900, J901, J902, J903	4		0894858000	Molex	Connector, Shielded USB Type A, Gold, R/A, TH	Connector, Shielded USB Type A, R/A, TH
J904	1		770W-X2/10	Qualtek Electronics Corporation	AC Receptacle, 2.5A, R/A, TH	AC, Reception 14.5x15x22 mm
J905	1		923345-03-C	3M	Jumper Wire, 300mil spacing, Orange, pkg of 200	300 mil Jumper Wire
L900	1	4mH	744821240	Würth Elektronik eiSos	Coupled inductor, 4 mH, 1.5 A, 0.14 ohm, +/- 30%, TH	15 x 18 x 7.5mm
Q900, Q903	2	550V	IPP50R380CE	Infineon Technologies	MOSFET N CH 500V 9.9A PGTO220	TO-220AB
Q901	1	60V	2N7002-7-F	Diodes Inc.	MOSFET, N-CH, 60 V, 0.17 A, SOT-23	SOT-23
Q902	1	40V	CSD18509Q5B	Texas Instruments	MOSFET, N-CH, 40 V, 38 A, SON 5x6mm	SON 5x6mm
Q904	1	40 V	MMBT2222A	Fairchild Semiconductor	Transistor, NPN, 40 V, 0.15 A, SOT-23	SOT-23
Q905	1	60 V	MMBT2907A	Fairchild Semiconductor	Transistor, PNP, 60 V, 0.8 A, SOT-23	SOT-23
R900	1	3.0	CRCW06033R00JNEA	Vishay-Dale	RES, 3.0, 5%, 0.1 W, 0603	0603
R901	1	100k	CRCW0603100KJNEA	Vishay-Dale	RES, 100 k, 5%, 0.1 W, 0603	0603
R902	1	1.0k	CRCW06031K00JNEA	Vishay-Dale	RES, 1.0 k, 5%, 0.1 W, 0603	0603
R903	1	DNP	CRCW08050000Z0EA	Vishay-Dale	RES, 0 ohm, 5%, 0.125W, 0805	0805
R904	1	187k	CRCW0603187KFKEA	Vishay-Dale	RES, 187 k, 1%, 0.1 W, 0603	0603

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R905	1	143k	CRCW0603143KFKEA	Vishay-Dale	RES, 143 k, 1%, 0.1 W, 0603	0603
R906	1	0	CRCW06030000Z0EA	Vishay-Dale	RES, 0, 5%, 0.1 W, 0603	0603
R907	1	10.0k	CRCW060310K0FKEA	Vishay-Dale	RES, 10.0 k, 1%, 0.1 W, 0603	0603
R908	1	49.9k	CRCW060349K9FKEA	Vishay-Dale	RES, 49.9 k, 1%, 0.1 W, 0603	0603
R909	1	100	CRCW0603100RFKEA	Vishay-Dale	RES, 100, 1%, 0.1 W, 0603	0603
R910	1	59.0k	CRCW060359K0FKEA	Vishay-Dale	RES, 59.0 k, 1%, 0.1 W, 0603	0603
R911	1	90.9k	CRCW060390K9FKEA	Vishay-Dale	RES, 90.9 k, 1%, 0.1 W, 0603	0603
R912	1	100k	CRCW0805100KJNEA	Vishay-Dale	RES, 100k ohm, 5%, 0.125W, 0805	0805
R913	1	976	CRCW0603976RFKEA	Vishay-Dale	RES, 976, 1%, 0.1 W, 0603	0603
R914, R915	2	0.4	MCR50JZHFLR680	Rohm Semiconductor	RES SMD 0.68 OHM 1% 1/2W 2010	2010
R916	1	20.5k	CRCW060320K5FKEA	Vishay-Dale	RES, 20.5 k, 1%, 0.1 W, 0603	0603
R918	1	36.5k	CRCW060336K5FKEA	Vishay-Dale	RES, 36.5 k, 1%, 0.1 W, 0603	0603
R926	1	44.2k	CRCW040244K2FKED	Vishay-Dale	RES, 44.2 k, 1%, 0.063 W, 0402	0402
R927, R928, R929, R930	4	0	CRCW12060000Z0EA	Vishay-Dale	RES, 0, 5%, 0.25 W, 1206	1206
T900	1	750 uH	760301302	Würth Elektronik eiSos	Transformer, 750 uH, TH	10.5x10.5mm
T901	1	410 µH	RLTI-1151	Renco Electronics	Transformer, 410 uH, TH	
U900	1		UCC24636DBV	Texas Instruments	SYNCHRONOUS RECTIFIER CONTROLLER WITH LOW POWER STANDBY, DBV0006A	DBV0006A
U901	1		UCC28730D	Texas Instruments	Constant-Voltage Constant-Current Flyback Controller With PSR and Wake-Up Monitoring, D0007A	D0007A
U904, U905, U908, U909	4		TPD2E001DRLR	Texas Instruments	Low-Capacitance + / - 15 kV ESD-Protection Array for High-Speed Data Interfaces, 2 Channels, -40 to +85 degC, 5-pin SOT (DRL), Green (RoHS & no Sb/Br)	DRL0005A
U906, U907	2		TPS2513DBV	Texas Instruments	DUAL CHANNEL AUTO DETECT USB CHARGING CONTROLLER, DBV0006A	DBV0006A
R917	0	47.5k	CRCW060347K5FKEA	Vishay-Dale	RES, 47.5 k, 1%, 0.1 W, 0603	0603
R919, R920, R923, R924	0	10.0k	CRCW040210K0FKED	Vishay-Dale	RES, 10.0k ohm, 1%, 0.063W, 0402	0402
R921, R922, R925	0	44.2k	CRCW040244K2FKED	Vishay-Dale	RES, 44.2 k, 1%, 0.063 W, 0402	0402
U902, U903, U910, U911	0		TPS2559DRC	Texas Instruments	Precision Adjustable Current-Limited Power-Distribution Switch, DRC0010A	DRC0010A

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