

PMP10145 REV A Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
C1000	1	4700pF	C3216X7R2J472K	TDK	CAP, CERM, 4700 pF, 630 V, +/- 10%, X7R, 1206	1206
C1001	1	68uF	EKXG451ELL680MMN3S	Chemi-Con	CAP, AL, 68 μ F, 450 V, +/- 20%, ohm, TH	D18xL31.5mm
C1002, C1003	2	0.22uF	B32922C3224K	EPCOS Inc	CAP, Film, 0.22 μ F, 630 V, +/- 10%, TH	B32922_12.5mm
C1004, C1005	2	680uF	EKZE350ELL681MK20S	Chemi-Con	CAP, AL, 680 μ F, 35 V, +/- 20%, 0.021 ohm, TH	D12.5xL20mm
C1006, C1007, C1008	3	22uF	GRM32ER71C226ME18L	MuRata	CAP, CERM, 22 μ F, 16 V, +/- 20%, X7R, 1210	1210
C1009	1	DNP	Used in BOM report	Used in BOM report	CAP, CERM, xxxF, xxV, [TempCo], xx%, [PackageReference]	0603
C1010	1	47uF	EEE-FC1V470P	Panasonic	CAP, AL, 47 μ F, 35 V, +/- 20%, 0.4 ohm, SMD	SMT Radial E
C1011	1	1uF	GRM219R71E105KA88D	MuRata	CAP, CERM, 1 μ F, 25 V, +/- 10%, X7R, 0805	0805
C1012, C1013	2	0.1uF	08055C104JAT2A	AVX	CAP, CERM, 0.1 μ F, 50 V, +/- 5%, X7R, 0805	0805
C1014	1	2200pF	GRM2165C2A222JA01D	MuRata	CAP, CERM, 2200 pF, 100 V, +/- 5%, C0G/NP0, 0805	0805
C1015	1	DNP	Used in BOM report	Used in BOM report	CAP, CERM, xxxF, xxV, [TempCo], xx%, [PackageReference]	0805
C1016	1	0.033uF	GRM188R71H333KA61D	MuRata	CAP, CERM, 0.033 μ F, 50 V, +/- 10%, X7R, 0603	0603
C1017	1	10pF	06035A100JAT2A	AVX	CAP, CERM, 10 pF, 50 V, +/- 5%, C0G/NP0, 0603	0603
C1018	1	SHORT	SHORT	TDK	CAP, CERM, 2200 pF, 250 V, +/- 20%, E, TH, 2-Leads, Body 11.5x7mm, Pin Spacing 10mm	TH, 2-Leads, Body 11.5x7mm, Pin Spacing 10mm
C1019	1	3300pF	DE1E3KX332MN4AP01F	TDK	CAP, CERM, 3300 pF, 300 V, Y1	TH, 2-Leads, Body 11.5x7mm, Pin Spacing 10mm
D1000	1	600V	GBU4J	Vishay-Semiconductor	Diode, Switching-Bridge, 600 V	GBU
D1001	1	600V	MURA160T3G	ON Semiconductor	Diode, Ultrafast, 600 V, 1 A, SMA	SMA
D1002	1	40V	MBR0540T1G	ON Semiconductor	Diode, Schottky, 40 V, 0.5 A, SOD-123	SOD-123
D1003	1	200V	BAS21-7-F	Diodes Inc.	Diode, Switching, 200 V, 0.2 A, SOT-23	SOT-23
D1004	1	22V	MMSZ5251BS-7-F	Diodes Inc.	Diode, Zener, 22 V, 200 mW, SOD-323	SOD-323
F1000	1	2A	37212000001	Littelfuse	Fuse, 2 A, 250 V, TH	TR5 fuse 8.5mm DIA
L1000	1	DNP	7447480331	Würth Elektronik	Inductor, Wirewound, Ferrite, 330 μ H, 1.4 A, 0.3 ohm, TH	TH, Dia 10.5mm
L1001	1	10mH	744823210	Würth Elektronik eiSos	Coupled inductor, 10 mH, 2 A, 0.125 ohm, +/- 30%, TH	13x22x17.5mm
Q1000	1	710V	STB8N65M5	STMicroelectronics	MOSFET, N-CH, 710 V, 7 A, DDPAK	DDPAK
Q1001	1	100V	CSD19531Q5A	Texas Instruments	MOSFET, N-CH, 100 V, 16 A, SON 5x6mm	SON 5x6mm
R1000, R1001	2	100k	CRCW2512100KJNEG	Vishay-Dale	RES, 100 k, 5%, 1 W, 2512	2512
R1002, R1004, R1005	3	1.00Meg	CRCW08051M00FKEA	Vishay-Dale	RES, 1.00 M, 1%, 0.125 W, 0805	0805
R1003	1	20	CRCW201020R0JNEF	Vishay-Dale	RES, 20, 5%, 0.75 W, 2010	2010
R1006, R1009, R1012, R1018	4	10	CRCW080510R0JNEA	Vishay-Dale	RES, 10, 5%, 0.125 W, 0805	0805
R1007	1	191k	CRCW0603191KFKEA	Vishay-Dale	RES, 191 k, 1%, 0.1 W, 0603	0603
R1008, R1011	2	374k	RC0603FR-07374KL	Yageo America	RES, 374 k, 1%, 0.1 W, 0603	0603
R1010, R1020, R1022	3	10.0k	RC0603FR-0710KL	Yageo America	RES, 10.0 k, 1%, 0.1 W, 0603	0603
R1013	1	34.8k	CRCW060334K8FKEA	Vishay-Dale	RES, 34.8 k, 1%, 0.1 W, 0603	0603
R1014, R1027	2	100k	CRCW0603100KFKEA	Vishay-Dale	RES, 100 k, 1%, 0.1 W, 0603	0603
R1015	1	56.2k	CRCW060356K2FKEA	Vishay-Dale	RES, 56.2 k, 1%, 0.1 W, 0603	0603
R1016	1	49.9k	CRCW060349K9FKEA	Vishay-Dale	RES, 49.9 k, 1%, 0.1 W, 0603	0603
R1017, R1024	2	1.00k	CRCW06031K00FKEA	Vishay-Dale	RES, 1.00 k, 1%, 0.1 W, 0603	0603
R1019	1	10	CRCW120610R0JNEA	Vishay-Dale	RES, 10, 5%, 0.25 W, 1206	1206
R1021	1	49.9	CRCW060349R9FKEA	Vishay-Dale	RES, 49.9, 1%, 0.1 W, 0603	0603

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R1023	1	3.01k	RC0603FR-073K01L	Yageo America	RES, 3.01 k, 1%, 0.1 W, 0603	0603
R1025	1	DNP	Used in BOM report	Used in BOM report	RES, xxx ohm, x%, xW, [PackageReference]	0603
R1026	1	20.0k	CRCW060320K0FKEA	Vishay-Dale	RES, 20.0 k, 1%, 0.1 W, 0603	0603
R1028	1	3.83k	RC0603FR-073K83L	Yageo America	RES, 3.83 k, 1%, 0.1 W, 0603	0603
RT1000	1	short	B57236S0100M000	EPCOS Inc	Thermistor NTC, 10 ohm, 20%, Disc_11.5mmx6mm	Disc_11.5mmx6mm
T1000	1	100 uH	750315783r00	Würth Elektronik	Transformer, 100uH, TH	
TP1004, TP1005	2	Red	5000	Keystone	Test Point, Miniature, Red, TH	Red Miniature Testpoint
TP1006	1	Black	5001	Keystone	Test Point, Miniature, Black, TH	Black Miniature Testpoint
U1000	1		UCC24630DBV	Texas Instruments	SYNCHRONOUS RECTIFIER CONTROLLER WITH LOW POWER STANDBY, DBV0006A	DBV0006A
U1001	1		UCC28610D	Texas Instruments	Green-Mode Flyback Power Supply Controller with Discontinuous Current Control, -40 to +125 degC, 8-pin SOIC (D), Green (RoHS & no Sb/Br)	D0008A
U1002	1		FOD817A	Fairchild Semiconductor	High Operating Temperature Phototransistor Optocoupler, DIP-4	DIP, 4-Leads, Body 6.86x4.83mm, Pitch 2.54mm
U1003	1		TL431AIDBZ	Texas Instruments	PRECISION PROGRAMMABLE REFERENCE, DBZ0003A	DBZ0003A

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