

PMP10020_RevB

Designator	Quantity	Value	Description	PackageReference	PartNumber	Manufacturer
C1, C2, C8	3	10uF	CAP, CERM, 10uF, 25V, +/-20%, X7R, 1210	1210	C3225X7R1E106M	TDK
C3, C4	2	22uF	CAP, [Technology], xxxF, xxV, +/-xx%, xxOhm ESR, [MountType]	Used in PnP output	EKXG451ELL220ML20S	Used in BOM report
C5, C6	2	0.15uF	CAP, Film, 0.15uF, 630V, +/-10%, TH	B32922_12mm	B32922C3154K	EPCOS Inc
C7	1	0.01uF	CAP, CERM, 0.01uF, 500V	1206	Used in BOM report	Used in BOM report
C9	1	470uF	CAP, [Technology], xxxF, xxV, +/-xx%, xxOhm ESR, [MountType]	Used in PnP output	EGXL250ELL471MJ20S	Used in BOM report
C10	1	22uF	CAP, CERM, 22uF, 25V, +/-10%, X7R, 1210	1210	GRM32ER71E226KE15L	MuRata
C11	1	33uF	CAP, AL, 22uF, 25V, +/-20%, TH	5.0x7.0mm	EKY350ELL330ME11D	
C12	1	1uF	CAP, CERM, 1uF, 50V, +/-10%, X7R, 0805	0805	08055C105KAT2A	AVX
C13	1	0.15uF	CAP, CERM, 0.15uF, 50V, +/-10%, X7R, 0805	0805	C0805C154K5RACTU	Kemet
C14	1	4700pF	CAP, CERM, 4700pF, 50V, +/-5%, X7R, 0805	0805	08055C472JAT2A	AVX
C15	1	0.015uF	CAP, CERM, 0.015uF, 50V, +/-10%, X7R, 1206	1206	12065C153KAT2A	AVX
C16	1	100pF	CAP, CERM, 100pF, 50V, +/-5%, C0G/NP0, 0603	0603	06035A101JAT2A	AVX
C17, C18	2	3300pF	Capacitor, Ceramic Disk, 220V	0.394 X 0.315 inch Max.	ECKANA332MB	Panasonic
C101	1	0.01uF	CAP, CERM, 0.01uF, 50V, +/-5%, X7R, 0603	0603	C0603C103J5RACTU	Kemet
D1, D4	2	STPS1150	Diode, Schottky, xxV, xxA, [PackageReference]	Used in PnP output	STPS1150A	Used in BOM report
D2	1	22V	Diode, Zener, 22V, 5W, Axial Diode	Axial Diode	1N5358B	ON Semiconductor
D3	1	600V	Diode, Switching-Bridge, 600V, 1A, TH	Diodge Bridge	DF06M	Diodes Inc.
D5	1	22V	Diode, Zener, 22V, SMA	SMA	1SMA4748	ON Semiconductor
D6	1	US1J	Diode, Schottky, xxV, xxA, [PackageReference]	Used in PnP output	US1J	Used in BOM report
D7	1	100V	Diode, Schottky, 100V, 5A, TH	DO-201AD	SB5100	Fairchild Semiconductor
D8	1	MMSD914T1	Diode, Switching, 100-V, 200-mA, 225-mW,	SOD-123	MMSD914T1	On Semi
D9, D101	2	30V	Diode, Schottky, 30V, 0.2A, SOD-123	SOD-123	BAT54T1G	ON Semiconductor
D10	1	20V	Diode, Zener, 20V, 225mW, SOT-23	SOT-23	BZX84C20LT1G	ON Semiconductor
F1	1	1.25A	Fuse, Slow Blow,	0.335 inch	37211250001	Wickmann
L1	1	DNP	Coupled inductor, 600uH, 1A, 0.2 ohm, TH	Coupled inductor, 17.5x17x11mm	UU9.8V-601LF	GCI Technologies
L2	1	20 mH	Inductor, Common Mode Choke, 1.5 A, ±30%	13x23 mm	744823220	WE
Q1	1	800V	MOSFET, N-CH, 800V, 4A, DPAK	DPAK	SPD04N80C3	Infineon Technologies
R1, R4	2	0	RES, xxx ohm, x%, xW, [PackageReference]	0805	Used in BOM report	Used in BOM report
R2	1	68	RES, xxx ohm, x%, xW, [PackageReference]	2512	Used in BOM report	Used in BOM report
R3	1	100k	RES, xxx ohm, x%, xW, [PackageReference]	2010	Used in BOM report	Used in BOM report
R5, R6, R8	3	1.8Meg	RES, 1.8Meg ohm, 5%, 0.25W, 1206	1206	CRCW12061M80JNEA	Vishay-Dale
R7, R20, R23	3	0	RES, 0 ohm, 5%, 0.25W, 1206	1206	CRCW12060000Z0EA	Vishay-Dale
R9	1	DNP	RES, 1.82k ohm, 1%, 0.125W, 0805	0805	CRCW08051K82FKFA	Vishay-Dale
R10, R11	2	30.1	RES, 30.1 ohm, 1%, 0.125W, 0805	0805	CRCW080530R1FKFA	Vishay-Dale
R12	1	182k	RES, 182k ohm, 1%, 0.1W, 0603	0603	CRCW0603182KFKEA	Vishay-Dale
R13	1	0	RES, 0 ohm, 5%, 0.1W, 0603	0603	CRCW06030000Z0EA	Vishay-Dale
R14	1	56.2k	RES, 56.2k ohm, 1%, 0.1W, 0603	0603	CRCW060356K2FKFA	Vishay-Dale
R15	1	64.9k	RES, 64.9k ohm, 1%, 0.1W, 0603	0603	CRCW060364K9FKFA	Vishay-Dale
R16	1	374k	RES, 374k ohm, 1%, 0.1W, 0603	0603	CRCW0603374KFKEA	Vishay-Dale
R17	1	4.99k	RES, 4.99k ohm, 1%, 0.1W, 0603	0603	RC0603FR-074K99L	Yageo America
R18	1	DNP	RES, xxx ohm, x%, xW, [PackageReference]	0603	Used in BOM report	Used in BOM report
R19	1	10.0k	RES, 10.0k ohm, 1%, 0.25W, 1206	1206	RC1206FR-0710KL	Yageo America
R21	1	3.01k	RES, 3.01k ohm, 1%, 0.1W, 0603	0603	RC0603FR-073K01L	Yageo America
R22	1	20.0k	RES, 20.0k ohm, 1%, 0.1W, 0603	0603	CRCW060320K0FKFA	Vishay-Dale
R24	1	100k	RES, 100k ohm, 1%, 0.1W, 0603	0603	CRCW0603100KFKEA	Vishay-Dale
R25	1	1.15k	RES, 1.15k ohm, 1%, 0.1W, 0603	0603	CRCW06031K15FKFA	Vishay-Dale
R101	1	49.9	RES, xxx ohm, x%, xW, [PackageReference]	1206	Used in BOM report	Used in BOM report
RS1	1	DNP	Thermistor,	0.590 x 0.276 inch	B57237xxxxxM000	Epcos
RV1	1	DNP	Varistor, Disk, 350V, 1W, TA @ 85C°	D Size	SIOV-S20K275	Epcos
T1	1	220uH	Transformer, 220uH, TH	25x16x22.2mm	750811933_00	Wurth Elektronik eiSos
TP1, TP2, TP6, TP7, TP13, TP14	6	Red	Test Point, TH, Miniature, Red	Keystone5000	5000	Keystone
TP3, TP4, TP9, TP10, TP15	5	Black	Test Point, Miniature, Black, TH	Black Miniature Testpoint	5001	Keystone
TP5	1	Red	Test Point, TH, Multipurpose, Red	Keystone5010	5010	Keystone
TP8	1	Black	Test Point, TH, Multipurpose, Black	Keystone5011	5011	Keystone
TP11, TP12	2	Double	Terminal, Turret, TH, Double	Keystone1503-2	1503-2	Keystone
U1	1	UCC28610D	IC, Quasi-Resonant Flyback Green-Mode Controller	SO8	UCC28610D	Texas Instruments
U2	1	FOD817xx	IC, Optocoupler, xx-V, yy% CTR	SMT-4PDIP	FOD817xx	Fairchild
U3	1	LMV431A	Low-Voltage (1.24V) Adjustable Precision Shunt Regulators, 3-pin SOT-23, Pb-Free	MF03A	LMV431AIMFX/NOPB	Texas Instruments

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