

PMP20990 REV A Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
C1, C2	2	1000uF	16ZLH1000MEFC10X16	Rubycon	CAP ALUM 1000UF 20% 16V RADIAL	D10xL20mm
C3, C11	2	22uF	GRT31CR61E226KE01L	MuRata	22µF ±20% 25V Ceramic Capacitor X5R 1206 (3216 Metric)	1206
C4, C9	2	18uF	250LLE18MEFC10X16	Rubycon	18µF 250V Aluminum Capacitors Radial, Can 5000 Hrs @ 125°C	TH, 2-Leads, Dia 10mm, Pin Spacing 5mm
C8	1	2200pF	DE1E3KX222MA5BA01	MuRata	CAP, CERM, 2200 pF, 250 V, +/- 20%, E, Disc 10x8mm	Disc 10x8mm
C10	1	4.7uF	GRM319R61H475KA12	MuRata	4.7µF 50V Aluminum Capacitors Radial, Can 2000 Hrs @ 85°C	1206
D1	1	100V	SS110-TP	Micro Commercial Component	Diode, Schottky, 100 V, 1 A, SMA	SMA
D3, D7	2	600V	1N4006-T	Diodes Inc.	Diode, Standard Recovery Rectifier, 600 V, 1 A, TH	DO-41
D4	1	160V	SMCJ160A-TP	Micro Commercial Component	Diode, TVS, Uni, 160 V, 259 Vc, SMC	SMC
D6	1	1.7V	US1M-13-F	Diodes Inc.	Diode, Ultrafast, 1000V, 1A, SMA	SMA
D8	1		BAS20HT1G		DIODE SWITCH 200V 200MA SOD323	SOD-323
F1	1		37202500001	Littelfuse	Fuse, 0.25 A, 250 V, TH	TR5 fuse 8.5mm DIA
L1	1	10mH	744862100	Wurth Elektronik	COMMON MODE CHOKE 450MA 2 LN T/H	17x12.32x15.32 mm
Q1	1	800V	STP10NK80Z	STMicroelectronics	N-Channel 800V 9A (Tc) 190W (Tc) Through Hole TO-220AB	TO-220AB
R1, R10	2	1.5Meg	CRCW12061M50JNEA	Vishay-Dale	RES, 1.5 M, 5%, 0.25 W, 1206	1206
R2, R3, R5, R7	4	4.7Meg	CRCW12064M70JNEA	Vishay-Dale	RES, 4.7Meg ohm, 5%, 0.25W, 1206	1206
R4	1	2.55k	CRCW06032K55FKEA	Vishay-Dale	RES, 2.55 k, 1%, 0.1 W, 0603	0603
R6	1	150	CRCW1206150RFKEA	Vishay-Dale	RES, 150, 1%, 0.25 W, 1206	1206
R8	1	1.50Meg	1-1614959-1	Tyco Electronics	RES, 1.50 M, 0.1%, 0.1 W, 0805	0805
R9	1	20.0	CRCW080520R0FKEA	Vishay-Dale	RES, 20.0, 1%, 0.125 W, 0805	0805
R11	1	137k	CRCW0603137KFKEA	Vishay-Dale	RES, 137 k, 1%, 0.1 W, 0603	0603
R13	1	3.0k	CRCW06033K00JNEA	Vishay-Dale	RES, 3.0 k, 5%, 0.1 W, 0603	0603
R14	1	38.3k	CRCW080538K3FKEA	Vishay-Dale	RES, 38.3 k, 1%, 0.125 W, 0805	0805
R15	1	0.82	ERJ-6RQFR82V	Panasonic	RES, 0.82, 1%, 0.125 W, 0805	0805
T1	1	700uH	YA7-1512R	Alltronics	Transformer, 700 uH, TH	24.13x20.6mm
TP1	1	Red	5000	Keystone	Test Point, TH, Miniature, Red	Keystone5000
TP2	1	Black	5001	Keystone	Test Point, TH, Miniature, Black	Keystone5001
TP4	1		5000	Keystone	Test Point, Miniature, Red, TH	Red Miniature Testpoint
TP6	1		5001	Keystone	Test Point, Miniature, Black, TH	Black Miniature Testpoint
U1	1		UCC28704DBVR-1	Texas Instruments	Off-Line Constant-Voltage Constant-Current Flyback Controller With Primary-Side Regulation (PSR), DBV0006A (SOT-6)	DBV0006A

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