PMP20495 REV A Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
C1	1	10uF	UVR1V100MDD1TA	Nichicon	CAP, AL, 10uF, 35V, +/-20%, TH	CAPPR2-5x11
C2	1	22pF	06035A220JAT2A	AVX	CAP, CERM, 22pF, 50V, +/-5%, C0G/NP0, 0603	0603
C3	1	6.8uF	400AX6R8M8x11	Rubycon	CAP, AL, 6.8uF, 400V, +/-20%, TH	8x11
C4, C5	2	15uF	EEU-ED2G150	Panasonic	CAP, AL, 15 µF, 400 V, +/- 20%, TH	D12.5xL20mm
C6, C101	2	680uF	16ZL680MEFC10X16	Rubycon	CAP, AL, 680 µF, 16 V, +/- 20%, 0.038 ohm, TH	10x16mm
C7	1	1uF	08055C105KAT2A	AVX	CAP, CERM, 1uF, 50V, +/-10%, X7R, 0805	0805
D1	1	100V	1N4148W-7-F	Diodes Inc.	Diode, Ultrafast, 100V, 0.15A, SOD-123	SOD-123
D2	1	600V	ES1J-TP	Diodes Inc.	DIODE FAST REC 600V 1A DO214AC	SMA
D3	1	600V	RH06-T	Diodes Inc.	Diode, Switching-Bridge, 600V, 0.5A, MiniDIP	MiniDIP
D4	1	600V	STTH8L06G	STMicroelectronics	Diode, Ultrafast, 600 V, 8 A, DDPAK	DDPAK
L1	1	100uH	744772101	Wurth Elektronik	Inductor, Unshielded Drum Core, Ferrite, 100 µH, 0.9 A, 0.12 ohm, TH	Dia 8x10mm
L2	1	15uH	74435571500	Wurth Elektronik	Inductor, Shielded Drum Core, Ferrite, 15 µH, 14 A, 0.009 ohm, SMD	18.3x8.9x18.2mm
Q1	1	500V	FQB9N50CFTM	Fairchild Semiconductor	MOSFET N-CH 500V 9A D2PAK	DDPAK
R1	1	37.4k	CRCW060337K4FKEA	Vishay-Dale	RES, 37.4 k, 1%, 0.1 W, 0603	0603
R2	1	432k	CRCW1206432KFKEA	Vishay-Dale	RES, 432k ohm, 1%, 0.25W, 1206	1206
R3	1	18.7k	CRCW060318K7FKEA	Vishay-Dale	RES, 18.7k ohm, 1%, 0.1W, 0603	0603
R4	1	301	CRCW0603301RFKEA	Vishay-Dale	RES, 301 ohm, 1%, 0.1W, 0603	0603
R5, R6	2	0.22	MCR25JZHFLR220	Rohm	RES, 0.22, 1%, 0.5 W, 1210	1210
R7, R8	2	5.1k	CRCW12065K10JNEA	Vishay-Dale	RES, 5.1k ohm, 5%, 0.25W, 1206	1206
RF1	1	4.7	PNP300JR-73-4R7	Yageo America	RES, 4.7, 5%, 3 W, 3W Axial resistor	3W Axial resistor
TP1, TP2	2	Red	5000	Keystone	Test Point, Miniature, Red, TH	Red Miniature Testpoint
TP3, TP4	2	Black	5001	Keystone	Test Point, TH, Miniature, Black	Keystone5001
U1	1		UCC28710D	Texas Instruments	Constant-Voltage, Constant-Current Controller With Primary-Side Regulation, D0007A	D0007A

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