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PMP9184 REVC BOM

Designator	Quantity	Value	Description	PackageReference	PartNumber	Manufacturer
C1, C2, C3, C4, C7	5	10uF	CAP, CERM, 10uF, 25V, +/-20%, X7R, 1210	1210	C3225X7R1E106M250 AC	TDK
C5, C6	2	180uF	CAP, OS-CON, 180uF, 25V, +/-20%, 0.016 ohm, 10x10.3 SMD	10x10.3	25SVPF180M	Sanyo
C8	1	0.1uF	CAP, CERM, 0.1uF, 50V, +/-10%, X7R, 0603	0603	C1608X7R1H104K	TDK
C9	1	150uF	CAP, AL, 150uF, 25V, +/-20%, 0.16 ohm, SMD	SMT Radial F	EEE-FK1E151P	Panasonic
C10	1	0.33uF	CAP, CERM, 0.33uF, 25V, +/-10%, X5R, 0603	0603	C1608X5R1E474K	TDK
C12, C13	2	1uF	CAP, CERM, 1uF, 25V, +/-10%, X7R, 0603	0603	C1608X7R1E105K	TDK
C11, C14	1	1000pF	CAP, CERM, 1000pF, 50V, +/-10%, X7R, 0603	0603	C1608X7R1H102K	TDK
D1	1	SBR10U40CTB	Diode, Super Barrier Rectifier, 40V, 5A, DDPAK	DDPAK	SBR10U40CTB	Diodes Inc.
J1, J2	2		Terminal Block, 6A, 3.5mm Pitch, 2-Pos, TH	7.0x8.2x6.5mm	ED555/2DS	OST
L2	1	10uH	Inductor, Drum Core, Ferrite, 22uH, 15A, 0.0070 ohm, SMD	22.5x12x20mm	74435582200	Würth
L3	1	22uH	Inductor, Shielded Drum Core, WE-Perm, 22uH, 6A, 0.0247 ohm, SMD	WE-HCA2	7443551221	Würth
Q1	1	CSD18504Q5A	MOSFET, N-CH, 40V, 15A, SON 5x6mm	SON 5x6mm	CSD18504Q5A	TI
R1	1	10	RES, 10 ohm, 1%, 0.1W, 0603	0603	CRCW060310R0JNEA	Vishay-Dale
R2	1	49.9	RES, 49.9 ohm, 1%, 0.1W, 0603	0603	CRCW060349R9FKEA	Vishay-Dale
R3	1	1.00	RES, 1.00 ohm, 1%, 0.25W, 1206	1206	CRCW12061R00FKEA	Vishay-Dale
R4	1	49.9k	RES, 49.9k ohm, 1%, 0.1W, 0603	0603	CRCW060349K9FKEA	Vishay-Dale
R5	1	100k	RES, 100k ohm, 1%, 0.1W, 0603	0603	CRCW0603100KFKEA	Vishay-Dale
R6	1	0	RES, 0 ohm, 5%, 0.1W, 0603	0603	CRCW06030000Z0EA	Vishay-Dale
R7	1	221	RES, 221 ohm, 1%, 0.1W, 0603	0603	CRCW0603221RFKEA	Vishay-Dale
R8	1	0.005	RES, 0.005 ohm, 1%, 2W, 2512	2512	CSNL2512FT5L00	Stackpole
R9	1	5.36k	RES, 5.36k ohm, 1%, 0.1W, 0603	0603	CRCW06035K36FKEA	Vishay-Dale
R10	1	2.00k	RES, 2.00k ohm, 1%, 0.1W, 0603	0603	CRCW06032K00FKEA	Vishay-Dale
R11	1	140k	RES, 140k ohm, 1%, 0.1W, 0603	0603	CRCW0603140KFKEA	Vishay-Dale
R12	1	33.2k	RES, 33.2k ohm, 1%, 0.1W, 0603	0603	CRCW060333K2FKEA	Vishay-Dale
TP1, TP3, TP4, TP5	4	Red	Test Point, TH, Miniature, Red	Keystone5000	5000	Keystone
TP2, TP6, TP7	3	Black	Test Point, TH, Miniature, Black	Keystone5001	5001	Keystone
U1	1	LM3481MM	High Efficiency Low-Side N-Channel Controller for Switching Regulators, 10-pin MSOP	MUB10A	LM3481MM	TI

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