

## PMP8937 REVA BOM

Designator	Quantity	Value	Description	PackageReference	PartNumber	Manufacturer
C9	1	0.33uF	CAP, CERM, 0.33uF, 25V, +/-10%, X5R, 0603	0603	C1608X5R1E474K	TDK
C13	1	1000pF	CAP, CERM, 1000pF, 50V, +/-10%, X7R, 0603	0603	C1608X7R1H102K	TDK
C11	1	1uF	CAP, CERM, 1uF, 16V, +/-10%, X7R, 0603	0603	C1608X7R1C105K	TDK
C4, C10	2	open	CAP, CERM, OPEN	0603		TDK
C12	1	0.1uF	CAP, CERM, 0.1uF, 100V, +/-10%, X7R, 0805	0805	C2012X7R2A104K	TDK
C5, C6, C7	3	22uF	CAP, CERM, 22uF, 16V, +/-20%, X7R, 1210	1210	C3225X7R1C226M	TDK
C1, C2, C3	3	3.3uF	CAP, CERM, 3.3uF, 100V, +/-20%, X7R, 1210	1210	C3225X7R2A335M	TDK
C8	1	open	CAP, CERM, open	1210		TDK
D1	1	MBRS3100T3G	Diode, Schottky, 100V, 3A, SMC	SMC	MBRS3100T3G	ON Semiconductor
J1, J2	2		Terminal Block, 6A, 3.5mm Pitch, 2-Pos, TH	7.0x8.2x6.5mm	ED555/2DS	OST
L1	1	47uH	Coupled inductor, 47uH, 5.4A, 0.1 ohm, +/-20%, SMD	IND_14.8x8.6x14.8mm, SMD	MSD1583-473MEB	Coilcraft
Q1	1	FDMS86101	MOSFET, N-CH, 100V, 60A, PQFN08A	PQFN08A	FDMS86101	Fairchild Semiconductor
R5	1	0	RES, 0 ohm, 5%, 0.1W, 0603	0603	CRCW06030000Z0EA	Vishay-Dale
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
R6	1	221	RES, 221 ohm, 1%, 0.1W, 0603	0603	CRCW0603221RFKEA	Vishay-Dale
R9	1	499	RES, 499 ohm, 1%, 0.1W, 0603	0603	CRCW0603499RFKEA	Vishay-Dale
R4	1	100k	RES, 100k ohm, 1%, 0.1W, 0603	0603	CRCW0603100KFKEA	Vishay-Dale
R10	1	105k	RES, 105k ohm, 1%, 0.1W, 0603	0603	CRCW0603105KFKEA	Vishay-Dale
R11	1	33.2k	RES, 33.2k ohm, 1%, 0.1W, 0603	0603	CRCW060333K2FKEA	Vishay-Dale
R3	1	49.9k	RES, 49.9k ohm, 1%, 0.1W, 0603	0603	CRCW060349K9FKEA	Vishay-Dale
R8	1	5.90k	RES, 5.90k ohm, 1%, 0.1W, 0603	0603	CRCW06035K90FKEA	Vishay-Dale
R7	1	0.025	RES, 0.025 ohm, 1%, 0.5W, 1210	1210	Std	Std
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	National Semiconductor

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