

## PMP9335 REV 1 Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
IPCBB	1		PMP9335	Any	Printed Circuit Board	
1.1A, 1.2V, 3.7A, 10.6A, 10.6Ax, 50 mA, GND, GND1, GND2, GND3, GND4, VccPLL, VIN Sys	13		3125-2-00-34-00-00-08-0	Mill-Max	PCB Pin, TH	PCB Pin (3125-2)
5V, Sync	2	Red	5000	Keystone	Test Point, TH, Miniature, Red	Keystone5000
C1, C2, C3, C8, C12, C13	6	10uF	EMK212BJ106KG-T	Taiyo Yuden	CAP, CERM, 10uF, 16V, +/-10%, X5R, 0805	0805
C4	1	0.1uF	GRM188R71H104KA93D	MuRata	CAP, CERM, 0.1uF, 50V, +/-10%, X7R, 0603	0603
C5	1	1uF	C0603C105K4PACTU	Kemet	CAP, CERM, 1uF, 16V, +/-10%, X5R, 0603	0603
C6, C30, C42, C45, C46, C47, C48	7	10uF	CL05A106MQ5NUNC	Samsung	CAP, CERM, 10uF, 6.3V, +/-20%, X5R, 0402	0402
C7, C14, C15, C16, C17, C18, C19, C22, C34, C35	10	100uF	GRM31CR60J107ME39L	MuRata	CAP, CERM, 100uF, 6.3V, +/-20%, X5R, 1206	1206
C9, C10, C36, C37, C40	5	0.1uF	GRM155R71C104KA88D	MuRata	CAP, CERM, 0.1uF, 16V, +/-10%, X7R, 0402	0402
C11, C43	2	2.2uF	C1005X5R1C225K050BC	TDK	CAP, CERM, 2.2uF, 16V, +/-10%, X5R, 0402	0402
C20, C21	2	0.01uF	GRM155R61A103KA01D	MuRata	CAP, CERM, 0.01uF, 10V, +/-10%, X5R, 0402	0402
C23	1	100uF	EEHZA1E101XP	Panasonic	CAP, AL, 100uF, 25V, +/-20%, 30 ohm, SMD	6.3x7.7
C31	1	2200pF	GRM155R61E222KA01D	MuRata	CAP, CERM, 2200pF, 25V, +/-10%, X5R, 0402	0402
C44	1	1uF	C0603C105Z9VACTU	Kemet	CAP, CERM, 1uF, 6.3V, +80/-20%, Y5V, 0603	0603
L1, L5, L6, L7	4	105nH	744302010	Würth Elektronik eiSos	Inductor, Shielded Drum Core, Ferrite, 105nH, 30A, 0.000235 ohm, SMD	7x5x7mm
L3	1	330nH	XPL2010-331 MLB	Coilcraft	Inductor, Shielded, Composite, 330nH, 2.6A, 0.031 ohm, SMD	XPL2010
R1, R3	2	487k	CRCW0603487KFKEA	Vishay-Dale	RES, 487k ohm, 1%, 0.1W, 0603	0603
R2	1	2.15k	CRCW06032K15FKEA	Vishay-Dale	RES, 2.15k ohm, 1%, 0.1W, 0603	0603
R4	1	1.13k	CRCW06031K13FKEA	Vishay-Dale	RES, 1.13k ohm, 1%, 0.1W, 0603	0603
R5	1	1.00Meg	CRCW06031M00FKEA	Vishay-Dale	RES, 1.00Meg ohm, 1%, 0.1W, 0603	0603
R6, R7, R9, R19, R20, R22, R29, R33, R35, R36	10	0	CRCW04020000Z0ED	Vishay-Dale	RES, 0 ohm, 5%, 0.063W, 0402	0402
R8, R13, R32	3	10k	CRCW040210K0JNED	Vishay-Dale	RES, 10k ohm, 5%, 0.063W, 0402	0402
R21	1	499	CRCW0603499RFKEA	Vishay-Dale	RES, 499 ohm, 1%, 0.1W, 0603	0603
R23	1	680	RC0603FR-07680RL	Yageo America	RES, 680 ohm, 1%, 0.1W, 0603	0603
R34	1	30k	CRCW060330K0JNEA	Vishay-Dale	RES, 30k ohm, 5%, 0.1W, 0603	0603
R37	1	10.0k	CRCW060310K0FKEA	Vishay-Dale	RES, 10.0k ohm, 1%, 0.1W, 0603	0603
U1, U3	2		TPS84A20RVQT	Texas Instruments	IC REG BUCK SYNC 10A 42BQFN	42-BQFN Exposed Pad
U2	1		LMC555CMX	Texas Instruments	CMOS Timer, 8-pin Narrow SOIC	M08A
U4	1		LP2951CSD	Texas Instruments	Series of Adjustable Micropower Voltage Regulators, 8-pin LLP	SDC08A
U5	1		LP38855S-1.2	Texas Instruments	1.5A Fast-Response High-Accuracy LDO Linear Regulator with Enable, 5-pin TO-263	TS5B
U6	1		TPS84320RUQT	Texas Instruments	IC BUCK SYNC ADJ 3A 47B1QFN	47-BQFN

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