

PMP23209 REV E1 Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
IPCB1	1		PMP23209	Any	Printed Circuit Board	
C1	1	10uF	TMK212BBJ106MGHT	MuRata	CAP, CERM, 10 uF, 25 V, +/- 10%, X5R, 0805	0805
C2	1	1uF	TMK107BJ105KAH	MuRata	CAP, CERM, 1 uF, 10 V, +/- 10%, X5R, 0603	0603
C3, C4	2	47nF	C0603C473K3RACAUTO	TDK	Multilayer Ceramic Capacitors 68nF ±20% 25V X8R SMD 0603	0603
C5, C6	2	1uF	CGA3E1X7R1E105K080AC	MuRata	CAP, CERM, 4.7 uF, 25 V, +/- 10%, X5R, 0603	0603
C7, C8	2	1uF	CGA3E1X7R1E105K080AC	TDK	Multilayer Ceramic Capacitors 4.7µF ±20% 25V X5R SMD 0603	0603
C11, C12	2	4.7uF	CGA4J1X7R1E475K125AC	MuRata	CAP, CERM, 4.7 uF, 25 V, +/- 10%, X7R, 0805	0805
D1, D2, D3, D4	4		PMEG2005EGWJ	onsemi	Diode Schottky 30 V 1A Surface Mount SOD-123	SOD123
D5, D6	2	15V	MMSZ4702T1G	ON Semiconductor	Diode, Zener, 15 V, 500 mW, SOD-123	SOD-123
J1	1		TSW-103-08-G-D-RA	Samtec	Connector Header Through Hole, Right Angle 6 position 0.100" (2.54mm)	HDR6
J2	1		TSW-102-08-G-D-RA	Samtec	CONN HEADER R/A 4POS 2.54MM	HDR4
R1	1	11.5k	AC0603FR-0711K5L	Yageo America	RES, 11.4 k, 0.5%, 0.1 W, 0603	0603
R2	2	3.16k	RMCF0603FT3K24	Yageo America	RES, 3.20 k, 0.1%, 0.1 W, 0603	0603
R3	1	49.9k	RMCF0603FT49K9	Yageo America	RES, 50.5 k, 0.5%, 0.1 W, 0603	0603
T1	1	No need to order.	750319978	Würth Electronics	Transformer, 1:1.11:1.11, 0.065Ohm PRI, 0.07Ohm SEC, 141uH, 9.54x10.26x5.38mm, SMT	SMT_XFRMR_9MM5 4_10MM26
U1	1		UCC25800AQDGNQ1	Texas Instruments	Open Loop LLC Transformer Driver for Isolated Bias Supplies	VSSOP8
R4,R5	0	100k	RMCF0603FT100K	Yageo America	RES, 3.20 k, 0.1%, 0.1 W, 0603	0603

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