



## PMP23486 REV A Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
!PCB1	1		PMP23486	Any	Printed Circuit Board	
C1, C7, C8, C11	4	1uF	EMK107B7105KA-T	Taiyo Yuden	CAP, CERM, 1 uF, 16 V, +/- 10%, X7R, 0603	0603
C2, C12	2	2700pF	GRM155R71H272KA01D	MuRata	CAP, CERM, 2700 pF, 50 V, +/- 10%, X7R, 0402	0402
C2A, C12A	2	680pF	GRM155R71H681KA01D	MuRata	CAP, CERM, 680 pF, 50 V, +/- 10%, X7R, 0402	0402
C3, C9	2	10uF	TMK316AB7106KLHT	Taiyo Yuden	CAP, CERM, 10 µF, 25 V, +/- 10%, X7R, AEC-Q200 Grade 1, 1206	1206
C4, C10	2	0.1uF	GCM188R71E104KA57D	MuRata	CAP, CERM, 0.1 µF, 25 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0603	0603
C5, C6	2	10uF	CL32B106KBJNNWE	Samsung Electro-Mechanics	CAP, CERM, 10 µF, 50 V, +/- 10%, X7R, 1210	1210
D1, D3	2	40V	SS14FL	Fairchild Semiconductor	Diode, Schottky, 40 V, 1 A, AEC-Q101, SOD-123F	SOD-123F
D2	1	4.7V	BZT52C4V7-13-F	Diodes Inc.	Diode, Zener, 4.7 V, 500 mW, SOD-123	SOD-123
H1, H2, H3, H4	4		SJ-5303 (CLEAR)	3M	Bumper, Hemisphere, 0.44 X 0.20, Clear	Transparent Bumper
LBL1	1		THT-14-423-10	Brady	Thermal Transfer Printable Labels, 0.650" W x 0.200" H - 10,000 per roll	PCB Label 0.650 x 0.200 inch
R1	1	10k	CRCW060310K0JNEA	Vishay-Dale	RES, 10 k, 5%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R2	1	4.02k	CRCW12064K02FKEA	Vishay-Dale	RES, 4.02 k, 1%, 0.25 W, AEC-Q200 Grade 0, 1206	1206
R3, R4, R6, R7, R10	5	0	CRCW06030000Z0EA	Vishay-Dale	RES, 0, 5%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R5	1	31.6k	CRCW040231K6FKED	Vishay-Dale	RES, 31.6 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	0402
R8	1	19.1k	CRCW040219K1FKED	Vishay-Dale	RES, 19.1 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	0402
R9	1	49.9k	CRCW040249K9FKED	Vishay-Dale	RES, 49.9 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	0402
T1	1	40 uH	0P41106UC/0P41106IC	Magnetics	XFMR, PLANAR 8T:17T, UI 11 core set	
TP1, TP3	2		5010	Keystone Electronics	Test Point, Multipurpose, Red, TH	Red Multipurpose Testpoint
TP2, TP4	2		5011	Keystone Electronics	Test Point, Multipurpose, Black, TH	Black Multipurpose Testpoint
TP5	1		5013	Keystone Electronics	Test Point, Multipurpose, Orange, TH	Orange Multipurpose Testpoint
TP6, TP7	2		5012	Keystone Electronics	Test Point, Multipurpose, White, TH	White Multipurpose Testpoint
U1	1		UCC25800AQDGNRQ1	Texas Instruments	Open Loop LLC Transformer Driver for Isolated Bias Supplies	VSSOP8
FID1, FID2, FID3	0		N/A	N/A	Fiducial mark. There is nothing to buy or mount.	N/A

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