

PMP31054 REV B Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
!PCB?	1		PMP31054	Any	Printed Circuit Board	
A1, A2, A3, A4, A5, A6, A7, A8, TP1, TP9	10		5010	Keystone	Test Point, Multipurpose, Red, TH	Red Multipurpose Testpoint
C1, C5, C6	3	10uF	885012208069	Würth Elektronik	CAP, CERM, 10 uF, 25 V, +/- 10%, X7R, 1206	1206
C2, C8	2		885012206090	Würth Elektronik	CAP CER 0.015UF 50V X7R 0603	603
C3, C7, C9, C10, C15, C17	6	8200pF	CL10B822KB8NNNC	Samsung Electro-Mechanics	CAP, CERM, 8200 pF, 50 V,+/- 10%, X7R, 0603	603
C4	1	1uF	885012206076	Würth Elektronik	CAP, CERM, 1 uF, 25 V, +/- 10%, X7R, 0603	603
C12	1	2.2uF	885012207079	Würth Elektronik	CAP, CERM, 2.2 uF, 25 V, +/- 10%, X7R, 0805	805
C13	1	10uF	885012209028	Würth Elektronik	CAP, CERM, 10 uF, 25 V,+/- 10%, X7R, 1210	1210
D1, D2, D3, D4, D5, D6	6	40V	CMSH1-40M TR13	Diodes Inc.	Diode Schottky 40V 1A Surface Mount SMA	SMA
FID1, FID2, FID3, FID4, FID5, FID6	6		N/A	N/A	Fiducial mark. There is nothing to buy or mount.	N/A
H1, H2, H3, H4, H9, H10, H11, H12	8		NY PMS 440 0025 PH	B&F Fastener Supply	Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead	Screw
H5, H6, H7, H8, H13, H14, H15, H16	8		1902C	Keystone	Standoff, Hex, 0.5"L #4-40 Nylon	Standoff
P1, P2, P3, P4	4		691214110002	Würth Elektronik	Terminal Block, 3.5mm, 2x1, Tin, TH	Receptacle, 3.5mm, 2x1, TH
R1, R12	2	2.49k	CRCW06032K49FKEA	Vishay-Dale	RES, 2.49 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	603
R11	1	100k	CRCW0603100KFKEA	Vishay-Dale	RES, 100 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	603
R18, R27, R36, R45	4	DNP	DNP	DNP	DNP	402
T1	1	Custom	Custom	Custom	Transformer, coreless EFD20, custom	EFD20
TP2	1		5011	Keystone	Test Point, Multipurpose, Black, TH	Black Multipurpose Testpoint
U1	1	UCC25800AQDGNRQ1	UCC25800AQDGNRQ1	Texas Instruments	Open Loop LLC Transformer Driver for Isolated Bias Supplies	VSSOP8

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