PMP23124 REV A Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
!PCB1	1		PMP23124	Any	Printed Circuit Board	
C1, C2, C5, C6	4	1uF	GRM219R7YA105KA12D	MuRata	CAP, CERM, 1 µF, 35 V,+/- 10%, X7R, 0805	0805
C3, C11, C13	3	4.7uF	GRM31CR71H475KA12L	MuRata	CAP, CERM, 4.7 uF, 50 V, +/- 10%, X7R, 1206	1206
C4	1	100pF	GRM1885C1H101JA01D	MuRata	CAP, CERM, 100 pF, 50 V, +/- 5%, C0G/NP0, 0603	0603
C7, C8, C9, C10	4	0.022uF	GRM188R71H223KA01D	MuRata	CAP, CERM, 0.022 uF, 50 V, +/- 10%, X7R, 0603	0603
C12, C14	2	4.7uF	GRM188Z71C475KE21D	MuRata	CAP, CERM, 4.7 uF, 16 V,+/- 10%, X7R, 0603	0603
C15, C16	2	0.01uF	GRM188R71C103KA01D	MuRata	CAP, CERM, 0.01 uF, 16 V, +/- 10%, X7R, 0603	0603
C17, C18	2	10uF	GRM21BZ71E106KE15L	MuRata	CAP, CERM, 10 uF, 25 V, +/- 10%, X7R, 0805	0805
C19, C20	2	10uF	GRM188Z71A106MA73D	MuRata	CAP, CERM, 10 uF, 10 V, +/- 20%, X7R, 0603	0603
D1, D2, D3, D4	4	60V	PMEG6010CEGWJ	Nexperia	Diode, Schottky, 60 V, 1 A, AEC-Q101, SOD-123	SOD-123
D5, D6	2	5.1V	SMAZ5V1-13-F	Diodes Inc.	Diode, Zener, 5.1 V, 1 W, SMA	SMA
H1, H2, H3, H4	0		4824	Keystone		HEX STANDOFF 6-32 NYLON 1-1/2 inch
J1	1		22284023	Molex	Header, 2.54mm, 2x1, Tin, TH	Header, 2.54mm, 2x1, TH
J2, J3	2		22284033	Molex	Header, 2.54mm, 3x1, Tin, TH	Header, 2.54mm, 3x1, TH
PGND, SGND1, SGND2	3		5011	Keystone	Test Point, Multipurpose, Black, TH	Black Multipurpose Testpoint
R1	1	3.24k	CRCW06033K24FKEA	Vishay-Dale	RES, 3.24 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R2	1	11.0k	CRCW060311K0FKEA	Vishay-Dale	RES, 11.0 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R3, R7, R8, R12, R14	5	10.0k	CRCW060310K0FKEA	Vishay-Dale	RES, 10.0 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R4	1	60.4k	CRCW060360K4FKEA	Vishay-Dale	RES, 60.4 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R5, R6	2	4.7k	RC1210JR-074K7L	Yageo	RES, 4.7 k, 5%, 0.5 W, 1210	1210
R9, R10	2	34.0k	CRCW060334K0FKEA	Vishay-Dale	RES, 34.0 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R11, R13	2	115k	CRCW0603115KFKEA	Vishay-Dale	RES, 115 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
T1, T2	2		RLTI-1404	Renco Electronics	3:5 OPEN LOOP LLC FOR PMP22930	TRANSFORMER_0IN577_0IN37
U1	1			Texas Instruments	Open Loop LLC Transformer Driver for Isolated Bias Supplies	VSSOP8
U2, U3	2		TPS7A3901DSCR	Texas Instruments	Dual, 150mA, Wide-Vin, Positive and Negative Low-Dropout (LDO) Voltage Regulator, DSC0010J (WSON-10)	DSC0010J
VIN	1		5010	Keystone	Test Point, Multipurpose, Red, TH	Red Multipurpose Testpoint

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