

Variant: 001
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PMP22773 REV E3 Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	C1, C10	2	1uF	CGA3E1X7R1E105K080AC	TDK	CAP, CERM, 1 uF, 25 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0603	603
2	C2, C11	2	1000pF	C0603C102K5RACTU	Kemet	CAP, CERM, 1000 pF, 50 V, +/- 10%, X7R, 0603	603
3	C3, C4, C12, C13	4	0.1uF	C0603C104K5RACAUTO	Kemet	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0603	603
4	C5, C9, C14, C18	4	1000pF	12065C102KAT2A	AVX	CAP, CERM, 1000 pF, 50 V, +/- 10%, X7R, 1206	1206
5	C6, C15	2	1uF	12063C105KAT2A	AVX	CAP, CERM, 1 uF, 25 V, +/- 10%, X7R, 1206	1206
6	C8, C17	2	0.1uF	C3216NP01H104J160AA	TDK	CAP, CERM, 0.1 uF, 50 V, +/- 5%, C0G/NP0, 1206_190	1206_190
7	FB1, FB2, FB3, FB4, FB5, FB6	6		MMZ1005Y182CTD25	TDK	1.8 kOhms @ 100MHz 1 Signal Line Ferrite Bead 0402 (1005 Metric) 150mA 850mOhm	402
8	J1	1		TSW-104-09-G-D-RA	Samtec	Header, 100mil, 4x2, Gold, R/A, TH	Header, 100mil, 4x2, R/A, TH
9	J2	1		TSW-103-08-G-D-RA	Samtec	Connector Header Through Hole, Right Angle 6 position 0.100" (2.54mm)	HDR6
10	R1, R4	2	47k	CRCW060347K0JNEA	Vishay-Dale	RES, 47 k, 5%, 0.1 W, AEC-Q200 Grade 0, 0603	603
11	R2, R3	2	39.2	CRCW040239R2FKED	Vishay-Dale	RES, 39.2, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	402
12	R5, R6	2	0	CRCW04020000Z0ED	Vishay-Dale	RES, 0, 5%, 0.063 W, AEC-Q200 Grade 0, 0402	402
13	U1	1		PAMC3302DWER	Texas Instruments	±50-mV input, precision reinforced isolated amplifier with integrated DC/DC converter 16-SOIC -40 to 125	SOIC16
14	U2	1		AMC3330QDWERQ1	Texas Instruments	Precision, ±1-V Input, Reinforced Isolated Amplifier With Integrated DC/DC Converter	SOIC16
15	C7	0	0.1uF	CGA2B3X7R1H104K050BB	TDK	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0402	402
16	C16	0	1000pF	CGA2B2X7R1H102K050BA	TDK	CAP, CERM, 1000 pF, 50 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0402	402