

PMP40980 REV E1 Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
IPCB1	1		PMP40980	Any	Printed Circuit Board	
C1, C5	2	0.1uF	CGA3E2X7R1H104K080AA	TDK	CAP, CERM, 0.1 uF, 50 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0603	0603
C2, C3, C4	3	10uF	CGA5L1X7R1H106K160AC	TDK	CAP, CERM, 10 uF, 50 V, +/- 10%, X7R, AEC-Q200 Grade 1, 1206	1206
C6	1	1uF	CGA3E1X7R1E105K080AC	TDK	CAP, CERM, 1 uF, 25 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0603	0603
C7, C8	2	0.068uF	GCD21BR71H683KA01L	MuRata	CAP, CERM, 0.068 uF, 50 V, +/- 10%, X7R, 0805	0805
C9, C10, C11, C12	4	1uF	CGA4J3X7R1H105K125AB	TDK	CAP, CERM, 1 uF, 50 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0805	0805
C13, C14, C15, C16	4	2.2uF	GCM31CR71H225KA55L	MuRata	CAP, CERM, 2.2 uF, 50 V, +/- 10%, X7R, AEC-Q200 Grade 1, 1206	1206
C17, C19, C21, C23	4	2.2uF	CGA4J3X7R1H225K125AE	TDK	CAP, CERM, 2.2 uF, 50 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0805	0805
C18, C20, C22, C24	4	2.2uF	GCM21BR71A225KA37L	MuRata	CAP, CERM, 2.2 uF, 10 V, +/- 10%, X7R, 0805	0805
D1, D2, D3, D4, D5, D6, D7, D8	8	40V	BAT165E6327HTSA1	Infineon Technologies	Diode, Schottky, 40 V, 0.75 A, AEC-Q101, SOD-323	SOD-323
D9, D10, D11, D12	4	2.7V	MMSZ5223BS-7-F	Diodes Inc.	Diode, Zener, 2.7 V, 200 mW, SOD-323	SOD-323
J1	1		1844210	Phoenix Contact	Header(shrouded), 3.5mm, 2x1, Tin, TH	Header, 3.5mm, 2x1, R/A, TH
L1	1	1uH	TFM322512ALMA1R0MTAA	TDK	Inductor, Thin Film, 1 uH, 4 A, 0.037 ohm, AEC-Q200 Grade 0, SMD	TDK Inductor
P1, P2, P3, P4	4				WR-WTB THT Male Left Angled Bottom Locking Header, pitch 2.54mm, 3p	
R1	1	3.32k	CRCW06033K32FKEA	Vishay-Dale	RES, 3.32 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R2	1	10.2k	CRCW060310K2FKEA	Vishay-Dale	RES, 10.2 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R3	1	40.2k	ERJ-3EKF4022V	Panasonic	RES, 40.2 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R6, R11	2	0	CRCW06030000Z0EA	Vishay-Dale	RES, 0, 5%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R7, R8, R9, R10	4	5.1k	ERJ-6GEYJ512V	Panasonic	RES, 5.1 k, 5%, 0.125 W, AEC-Q200 Grade 0, 0805	0805
T1	1		750345026	Würth		
TP1	1		5001	Keystone	Test Point, Miniature, Black, TH	Black Miniature Testpoint
U1	1		UCC25800AQDGNRQ1	Texas Instruments	Open Loop LLC Transformer Driver for Isolated Bias Supplies	VSSOP8
R4, R5	0	0	CRCW06030000Z0EA	Vishay-Dale	RES, 0, 5%, 0.1 W, AEC-Q200 Grade 0, 0603	0603

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