DNP = DO NOT POPULATE

PMP31257 REV A Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
C1, C8, C9	3	10uF	GRM21BZ71E106KE15L	MuRata	CAP, CERM, 10 uF, 25 V, +/- 10%, X7R, 0805	0805
C2, C10	2	DNP	DNP	MuRata	DNP	0805
C3, C6, C11, C12	3	0.1uF	C0603R104K5RAC	Kemet	CAP CER 0.1UF 50V X7R 0603	0603
C4	1	220pF	C0603C221M5RACTU	Kemet	CAP, CERM, 220 pF, 50 V, +/- 20%, X7R, 0603	0603
C5, C7	2	10uF	GRM21BR71A106KE51L	MuRata	CAP, CERM, 10 uF, 10 V, +/- 10%, X7R, 0805	0805
C13, C14, C15, C16, C17, C18 R4, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27	22	DNP	DNP		DNP	0603
D1, D2, D3	3	30V	MBR0530T1G	ON Semiconductor	Diode, Schottky, 30 V, 0.5 A, SOD-123	SOD-123
D4	1	DNP	DNP	Diodes Inc.	DNP	SOD-123
L1	1	10uH	MSS5131-103MLB	Coilcraft	Inductor, Shielded Drum Core, Ferrite, 10 uH,	MSS5131
R1	1	49.9	CRCW060349R9FKEA	Vishay-Dale	RES, 49.9, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R2	1	47.0k	RC0603FR-0747KL	Yageo	RES, 47.0 k, 1%, 0.1 W, 0603	0603
R3	1	137k	CRCW0603137KFKEA	Vishay-Dale	RES, 137 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R5	1	150k	CRCW0603150KFKEA	Vishay-Dale	RES, 150 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R6	1	14.0k	RC0603FR-0714KL	Yageo	RES, 14.0 k, 1%, 0.1 W, 0603	0603
R7	1	27.0k	RC0603FR-0727KL	Yageo	RES, 27.0 k, 1%, 0.1 W, 0603	0603
R8, R9	2	10.0k	CRCW060310K0FKEA	Vishay-Dale	RES, 10.0 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
TP1, TP2, TP3, TP6, TP7, TP9, TP10, TP13, TP15, TP16	10		5000	Keystone Electronics	Test Point, Miniature, Red, TH	Red Miniature Testpoint
TP4, TP5, TP8, TP11, TP12, TP14, TP17, TP18	8		5001	Keystone Electronics	Test Point, Miniature, Black, TH	Black Miniature Testpoint
U1	1		LM2733XMF	Texas Instruments	0.6/1.6 MHz Boost Converters With 40V Internal FET Switch in SOT-23, DBV0005A (SOT-23-5)	DBV0005A
U2	1		DNP	Texas Instruments	DNP	DGK0008A

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