

Assembly Bill of Materials

Texas Instruments

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Project Name:	LM46002
Project File:	PMP9450 REV B.PrjPCB
Base ID:	PMP9450 REV B
Schematic Rev:	E1
Assembly Variant:	None
Build Quantity:	100
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Item	Designator	Description	RoHS	Manufacturer	PartNumber	Quantity	Required	Supplier 1	Supplier Part Number 1	Supplier 2	Supplier Part Number 2	Alternate Manufacturer	Alternate PartNumber
1	C1, C2	CAP, CERM, 0.1uF, 50V, +/-10%, C0G/NP0, 0402	Y	TDK	C1005X7R1H104K	2	200	Digi-Key	445-5932-1-ND	Farnell	1907278		
2	C3	CAP, CERM, 1uF, 6.3V, +/-20%, X5R, 0402	Y	TDK	C1005X5R0J105M	1	100	Digi-Key	445-1415-1-ND	Farnell	1844107		
3	C4	CAP, CERM, 0.1uF, 100V, +/-10%, X7R, 0805	Y	TDK	C2012X7R2A104K	1	100	Digi-Key	445-1418-1-ND	Farnell	1844410		
4	C5	CAP, CERM, 10pF, 50V, +/-5%, C0G/NP0, 0402	Y	Johanson Technology	500R07S100JV4T	1	100	Digi-Key	712-1253-1-ND	Farnell	1885333		
5	C6	CAP, CERM, 4.7uF, 50V, +/-10%, X5R, 1206	Y	MuRata	GRM319R61H475KA12	1	100	Farnell	1845761	Newark	13T1225		
6	Q1	MOSFET, N-CH, 60V, 0.31A, SOT-323	Y	Fairchild Semiconductor	2N7002KW	1	100	Digi-Key	2N7002KWCT-ND	Mouser	512-2N7002KW	None	
7	R1	RES, 402k ohm, 1%, 0.063W, 0402	Y	Vishay-Dale	CRCW0402402KFKED	1	100	Digi-Key	541-402KLCT-ND	Mouser	71-CRCW0402-402K-E3		
8	R3	RES, 1.00Meg ohm, 1%, 0.063W, 0402	Y	Vishay-Dale	CRCW04021M00FKED	1	100	Digi-Key	541-1.00MLCT-ND	Mouser	71-CRCW0402-1.0M-E3		
9	R4	RES, 249k ohm, 1%, 0.063W, 0402	Y	Vishay-Dale	CRCW0402249KFKED	1	100	Digi-Key	541-249KLCT-ND	Mouser	71-CRCW0402-249K-E3		
10	R5	RES, 200k ohm, 1%, 0.063W, 0402	Y	Vishay-Dale	CRCW0402200KFKED	1	100	Digi-Key	541-200KLCT-ND	Mouser	71-CRCW0402-200K-E3		
11	R6	RES, 10.0k ohm, 1%, 0.063W, 0402	Y	Vishay-Dale	CRCW040210K0FKED	1	100	Digi-Key	541-10.0KLCT-ND	Mouser	71-CRCW0402-10K-E3		
12	R7	RES, 0 ohm, 5%, 0.063W, 0402	Y	Vishay-Dale	CRCW04020000Z0ED	1	100	Digi-Key	541-0.0JCT-ND	Mouser	71-CRCW0402-0-E3		
13	TM1, TM2, TM3, TM4, TM5	PCB Pin, TH	Y	Mill-Max	3125-2-00-34-00-00-08-0	5	500	Mouser	575-3125200340000			Any	Equivalent
14	U1	3.5V to 60V 2A Synchronous Step-Down Voltage Regulator, PWP0016A	Y	Texas Instruments	LM46002PWP	1	100					None	

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