

Assembly Bill of Materials

Texas Instruments

Project Name:	Change in menu Project
Project File:	PMP9271.PrjPCB
Base ID:	XX####
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, 1uF, 25V, +/-10%, X7R, 1206	Y	TDK	C3216X7R1E105K	2	200	Digi-Key	445-1381-1-ND	Farnell	1844322		
2	C3, C4	CAP, CERM, 10uF, 16V, +/-20%, X7R, 1206	Y	TDK	C3216X7R1C106M	2	200	Digi-Key	445-1601-1-ND	Farnell	1844317		
3	CA	CAP, CERM, 3300pF, 50V, +/-5%, C0G/NP0, 0603	Y	TDK	C1608C0G1H332J	1	100	Digi-Key	445-1599-1-ND	Farnell	1907310		
4	CB, CV	CAP, CERM, 0.1uF, 25V, +80/-20%, Y5V, 0603	Y	Kemet	C0603C104Z3VACTU	2	200	Digi-Key	399-1100-1-ND	Mouser	80-C0603C104Z3V		
5	CBT	CAP, CERM, 0.022uF, 50V, +/-10%, X7R, 0603	Y	Kemet	C0603C223K5RACTU	1	100	Digi-Key	399-1280-1-ND	Mouser	80-C0603C223K5R		
6	CIN	CAP, CERM, 0.22uF, 100V, +/-10%, X7R, 0805	Y	Taiyo Yuden	HMK212B7224KG-T	1	100	Digi-Key	587-2087-1-ND	Farnell	1853525		
7	CSS	CAP, CERM, 0.047uF, 25V, +/-10%, X7R, 0603	Y	TDK	C1608X7R1E473K	1	100	Digi-Key	445-1315-1-ND	Farnell	1844237		
8	D1	Diode, Schottky, 100V, 1A, PowerDI123	Y	Diodes Inc.	DFLS1100-7	1	100	Digi-Key	DFLS1100DICT-ND	Mouser	621-DFLS1100-7		
9	D2	Diode, Zener, 5.1V, 200mW, SOD-323	Y	Diodes Inc.	MMSZ5231BS-7-F	1	100	Digi-Key	MMSZ5231BS-FDICT-ND	Mouser	621-MMSZ5231BS-F		
10	L1	Inductor, Shielded Drum Core, Ferrite, 15uH, 0.94A, 0.26 ohm, SMD	Y	Coilcraft	LPS4018-153MLB	1	100						
11	R1, R2	RES, 100k ohm, 0.1%, 0.1W, 0603	Y	Susumu Co Ltd	RG1608P-104-B-T5	2	200	Digi-Key	RG16P100KBCT-ND	Mouser	754-RG1608P-104-B-T5		
12	R3	RES, 27k ohm, 5%, 0.1W, 0603	Y	Vishay-Dale	CRCW060327K0JNEA	1	100	Digi-Key	541-27KGCT-ND	Farnell	1514745		
13	RA	RES, 1.87k ohm, 1%, 0.1W, 0603	Y	Vishay-Dale	CRCW06031K87FKEA	1	100	Digi-Key	541-1.87KHCT-ND	Mouser	71-CRCW0603-1.87K-E3		
	RB	RES, 1.3Kohm, 1%, 0.1W, 0603											
16	RPG	RES, 10.0k ohm, 1%, 0.1W, 0603	Y	Vishay-Dale	CRCW060310K0FKEA	2	200	Digi-Key	541-10.0KHCT-ND	Mouser	71-CRCW0603-10K-E3		
17	RON	RES, 46.4k ohm, 0.1%, 0.1W, 0603	Y	Yageo America	RT0603BRD0746K4L	1	100						
18	RT	RES, 402 ohm, 1%, 0.1W, 0603	Y	Vishay-Dale	CRCW06033K24FKEA	1	100	Digi-Key	541-3.24KHCT-ND	Mouser	71-CRCW0603-3.24K-E3		
19	U1	LM34919C Ultra Small 42V, 600 mA Constant On-Time Buck Switching Regulator, YZR0012ATAD	Y	Texas Instruments	LM34919CQTL	1	100					None	

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