

PMP7303\_REVB\_BOM

count	RefDes	value	Description	Size	Part number	MFR
1	C55	1uF	Capacitor, Ceramic Chip, xxV, ±10%		603 STD	STD
1	C10	10uF	Capacitor, Ceramic, 10V, X5R, 20%		805 Std	Std
4	C1 C5 C9 C12	0.1uF	Capacitor, Ceramic, 16V, X7R, 10%		402 Std	Std
2	C23 C27	0.22uF	Capacitor, Ceramic, 16V, X7R, 10%		402 Std	Std
1	C11	1uF	Capacitor, Ceramic, 16V, X7R, 10%		603 Std	Std
4	C2-3 C7-8	10uF	Capacitor, Ceramic, 16V, X7R, 10%		1206 Std	Std
4	C4 C6 C14-15	Open	Capacitor, Ceramic, 16V, X7R, 10%		1206 Std	Std
1	C31	10uF	Capacitor, Ceramic, 25V, X5R, 20%		805	Std
3	C17 C30 C32	1uF	Capacitor, Ceramic, 25V, X5R, 20%		805	Std
1	C18	2200pF	Capacitor, Ceramic, 25V, X7R, 10%		402 Std	Std
1	C26	22pF	Capacitor, Ceramic, 25V, X7R, 10%		402 Std	Std
2	C24 C38	3300pF	Capacitor, Ceramic, 25V, X7R, 10%		402 Std	Std
1	C25	4700pF	Capacitor, Ceramic, 25V, X7R, 10%		402 Std	Std
1	C37	48pF	Capacitor, Ceramic, 25V, X7R, 10%		402 Std	Std
5	C19 C41 C46-47 C50	47uF	Capacitor, Ceramic, 6.3V, X5R, 20%		805 Std	Std
15	C20-22 C35 C36 C39 C40 C42-45 C48-49 C	Open	Capacitor, Ceramic, 6.3V, X5R, 20%		805 Std	Std
2	C53-54	330uF	Capacitor, OSCON, 16V, 16milliohm, 20%	10.3mm (F	16SVP330M	Sanyo
8	C13 C16 C28-29 C33-34 C56-57	560uF	Capacitor, SMT Conductive Polymer, 2V, 5mohm	D2T	2TPLF560M	Sanyo
3	J1 J9-10	PEC03SAAN	Header, Male 3-pin, 100mil spacing,	0.100 inch	PEC03SAAN	Sullins
2	J2-3	PEC06SAAN	Header, Male 6-pin, 100mil spacing,	0.100 inch	PEC06SAAN	Sullins
1	U3	TLV70433DBV	IC, 24-V Input, 150 mA, Utralow IQ LDO Regulator	SOT-23	TLV70433D	TI
1	U2	TPS40322RHB	IC, Dual Synchronous Buck Controller	QFN-32	TPS40322R	TI
2	U1 U4	LM10010xx	IC, VID Voltage Programmer for Point of Load Regulator	LLP-10	LM10010x	TI
2	L1-2	0.4uH	Inductor, SMT, 37A, 0.67milliohm	0.400 x 0.4	7.44E+08	Wurth
4	J4 J6-8	33457	Lug, Solderless, #10 - #10-12 AWG, Copper/Tin, Uninsulated	0.375 x1.00	CX35-36-C\	Std
2	Q1-2	CSD87350Q5D	MOSFET, Dual N-Chan, 30-V, 30-A	QFN-8	POV CSD87350C	TI
4	R2-3 R32-33	0	Resistor, Chip, 1/16W, 1%		402 Std	Std
2	R8 R19	100K	Resistor, Chip, 1/16W, 1%		402 Std	Std
1	R21	11.8K	Resistor, Chip, 1/16W, 1%		402 Std	Std
2	R28 R30	13.3k	Resistor, Chip, 1/16W, 1%		402 Std	Std
2	R9 R12	13.7k	Resistor, Chip, 1/16W, 1%		402 Std	Std
1	R27	138	Resistor, Chip, 1/16W, 1%		402 Std	Std

4 R13 R23-24 R29	16.2k	Resistor, Chip, 1/16W, 1%	402 Std	Std
1 R18	16.6k	Resistor, Chip, 1/16W, 1%	402 Std	Std
2 R1 R4	2.2	Resistor, Chip, 1/16W, 1%	402 Std	Std
1 R6	2.26K	Resistor, Chip, 1/16W, 1%	402 Std	Std
1 R5	2.49K	Resistor, Chip, 1/16W, 1%	402 Std	Std
1 R17	35.7k	Resistor, Chip, 1/16W, 1%	402 Std	Std
1 R10	40.2K	Resistor, Chip, 1/16W, 1%	402 Std	Std
1 R22	43.2K	Resistor, Chip, 1/16W, 1%	402 Std	Std
2 R11 R25	49.9	Resistor, Chip, 1/16W, 1%	402 Std	Std
1 R14	511	Resistor, Chip, 1/16W, 1%	402 Std	Std
1 R26	5k	Resistor, Chip, 1/16W, 1%	402 Std	Std
1 R15	7.5K	Resistor, Chip, 1/16W, 1%	402 Std	Std
2 R7 R16	Open	Resistor, Chip, 1/16W, 1%	402 Std	Std
1 J5	ED120/2DS	Terminal Block, 2-pin, 15-A, 5.1mm	0.40 x 0.35	ED120/2DS OST
4 TP6-7 TP10 TP14	5001	Test Point, Black, Thru Hole Color Keyed	0.100 x 0.1	5001 Keystone
10 TP1-5 TP8-9 TP11 TP13 TP15	5000	Test Point, Red, Thru Hole Color Keyed	0.100 x 0.1	5000 Keystone

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