

Variant: 001
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PMP22712 REV E2 Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	PCB1	1		PMP22712	Any	Printed Circuit Board	
2	C1, C2, C5, C6	4	4.7uF	GRM21BR71E475KA73L	MuRata	CAP, CERM, 4.7 uF, 25 V, +/- 10%, X7R, 0805	805
3	C3, C4, C7, C8	4	1uF	UMK107AB7105KA-T	Taiyo Yuden	CAP, CERM, 1 uF, 50 V, +/- 10%, X7R, 0603	603
4	D1, D2, D3, D4	4		NRVB0540T1G	On Semiconductor	Diode Schottky 40V 500mA Surface Mount SOD-123	SOD-123
5	J1	1		TSW-103-08-G-D-RA	Samtec	Connector Header Through Hole, Right Angle 6 position 0.100" (2.54mm)	HDR6
6	J2	1			Samtec	CONN HEADER R/A 4POS 2.54MM	HDR4
7	L1, L2	2		ACM2012-900-2P-T001	TDK	2 Line Common Mode Choke Surface Mount 90 Ohms @ 100MHz 400mA DCR 190mOhm	SMD4
8	LBL1	1		THT-14-423-10	Brady	Thermal Transfer Printable Labels, 0.650" W x 0.200" H - 10,000 per roll	PCB Label 0.650 x 0.200 inch
9	Q1, Q2, Q3, Q4	4	100V	ZXMN10A07FTA	Diodes Inc.	MOSFET, N-CH, 100 V, 0.7 A, AEC-Q101, SOT-23	SOT-23
10	T1, T2	2		901-20113-V1-01	Würth Electronics	Automotive Transformer, 1:1, 80uH, 3500VAC, SMT, 9.54x10.26x5.38	SMT_XFRMR_9MM5 4_10MM26
11	U1, U2	2		SN6501QDBVRQ1	Texas Instruments	Automotive Low-Noise 350 mA, 410 kHz Transformer Driver, DBV0005A (SOT-23-5)	DBV0005A