

PMP5647 RevB BOM

Item	Qty	Reference	Value	Type	Description	Partnumber	MFR
1	1	C4	4700pF	C603	Capacitor, Ceramic, 50V, X7R [tol]	STD	STD
2	1	C5	0.1uF	C603	Capacitor, Ceramic, 50V, X7R, 10%	STD	STD
3	1	C2	0.22uF	C603	Capacitor, Ceramic, 16V, X7R, 10%	STD	STD
4	1	C9	100pF	C603	Capacitor, Ceramic, 50V, NPO, [tol]	STD	STD
5	1	C3	330pF	C603	Capacitor, Ceramic, 50V, NPO, [tol]	STD	STD
6	1	C7	1uF	C603	Capacitor, Ceramic, 16V, X7R, 20%	STD	STD
7	1	C1	220pF	C603	Capacitor, Ceramic, 50V, NPO, 5%	STD	STD
8	1	C11	4.7uF	C1210	Capacitor, Ceramic, 50V, X7R, 10%	STD	STD
9	1	C15	3.3uF	C1210	Capacitor, Ceramic, 3.3uF, 50V, X7R, 20%	STD	STD
10	1	C8	4.7uF	C1210	Capacitor, Ceramic, 4.7uF, 50V, X7R, 20%	STD	STD
11	1	C28	100uF	EEEFK1H101P	Capacitor, Aluminum, 50V, 20%	EEEFK1H101P	Panasonic
12	1	C13	150uF	EEVFK1V151P	Capacitor, Aluminum, vvV, 20%	EEVFK1V151P	Panasonic
13	1	D1	STPS5H100B	D_RECT_SMC	Diode, Schottky, 5A, 100V	STPS5H100B	STMicro
14	1	L2	18uH	IND_MSD1278 SERI	Inductor, SMT, yyA, zzmilohm	MSD1278	Coilcraft
15	1	R14	0	R2512	Resistor, Chip, 1W, xx%	STD	STD
16	2	R6 R15	0	R0603_1%	Resistor, Chip, 1/16W, 1%	STD	STD
17	1	R3	1.50K	R0603_1%	Resistor, Chip, 1/16W, 1%	STD	STD
18	1	R7	10	R0603_1%	Resistor, Chip, 1/16W, 1%	STD	STD
19	1	R100	10K	R0603_1%	Resistor, Chip, 1/16W, 1%	STD	STD
20	1	R1	187k	R0603_1%	Resistor, Chip, 1/16W, 1%	STD	STD
21	1	R10	1k	R0603_1%	Resistor, Chip, 1/16W, 1%	STD	STD
22	1	R2	49.9k	R0603_1%	Resistor, Chip, 1/16W, 1%	STD	STD
23	1	R9	49.9	R0603_1%	Resistor, Chip, 1/16W, 1%	STD	STD
24	1	R5	49.9k	R0603_1%	Resistor, Chip, 1/16W, 1%	STD	STD
25	1	R11	0.018	R1206_1%	Resistor, Chip, 1/2W, 1%	STD	STD
26	1	R101	1	R1206_5%	Resistor, Chip, 1/2W, 5%	STD	STD
27	2	J1-2	D120/2DS	TBLK_15A_2X5.1MM	Terminal Block, 2-pin, 15-A, 5.1mm	D120/2DS	STD
28	1	TP7	5000	TP-5000-RED	Test Point, Red, Thru Hole Color Keyed	5000	STD
29	2	TP4-5	5002	TP-5002-WHITE	Test Point, White, Thru Hole Color Keyed	5002	STD
30	2	TP2 TP10	5010	TP-5010-RED	Test Point, Red, Thru Hole	5010	STD
31	3	TP1 TP8 TP11	5011	TP-5011-BLACK	Test Point, Black, Thru Hole	5011	STD
32	1	U1	TPS40210DGS	TPS40210DGS	IC, Low Cost Non-Synchronous Boost Controller	TPS40210DGS	TI
33	1	Q3	BSC123N08NS3	TR_NFET_TDSON-8	MOSFET, N-ch, 80-V	BSC123N08NS3	Infineon

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Mailing Address: Texas Instruments, Post Office Box 655303, Dallas, Texas 75265
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