PDS BOM-PMP8962REVC.xls None 7/17/2015 1:59:44 PM N/A



## PMP8962 REV C Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
C1, C8, C13, C18,	6	0.1uF	C1005X7R1H104K	TDK	CAP, CERM, 0.1 µF, 50 V, +/- 10%, C0G/NP0, 0402	0402
C20, C25						
C2, C5	2	22uF	GRM31CR61C226KE15L	MuRata	CAP, CERM, 22 μF, 16 V, +/- 10%, X5R, 1206	1206
C3, C4	2	0.01uF	C1005X7R1C103K	TDK	CAP, CERM, 0.01 μF, 16 V, +/- 10%, X7R, 0402	0402
C6, C14	2	1000pF	C1005C0G1E102J	TDK	CAP, CERM, 1000 pF, 25 V, +/- 5%, C0G/NP0, 0402	0402
C7, C15	2	2200pF	C1005X7R1H222K	TDK	CAP, CERM, 2200 pF, 50 V, +/- 10%, X7R, 0402	0402
C9, C17	2	47pF	GRM1555C1E470JA01D	MuRata	CAP, CERM, 47 pF, 25 V, +/- 5%, C0G/NP0, 0402	0402
C10, C21, C22,	4	47uF	C3216X5R1C476M160AB	TDK	CAP, CERM, 47 μF, 16 V, +/- 15%, X5R, 1206	1206
C23						
C12, C19	2	0.047uF	C1005X7R1C473K	TDK	CAP, CERM, 0.047 μF, 16 V, +/- 10%, X7R, 0402	0402
C26	1	1uF	C1608X7R1C105K	TDK	CAP, CERM, 1 µF, 16 V, +/- 10%, X7R, 0603	0603
C27	1	10uF	C1608X5R1A106M	TDK	CAP, CERM, 10 μF, 10 V, +/- 20%, X5R, 0603	0603
J1, J2	2		U.FL-R-SMT-1	Hirose Electric Co. Ltd.	Connector, Ultra-Mini Coaxial, SMD	Ultra small CO-AX
						SMD
L1, L2	2	2.2uH	XAL5030-222MEB	Coilcraft	Inductor, Shielded, Composite, 2.2 µH, 9.2 A, 0.01 ohm, SMD	5.3x31.x5.5mm
Q1, Q2	2		CSD87381P	Texas Instruments	Synchronous Buck NexFET Power Block II, MPC0005A	MPC0005A
R1, R13	2	10.0	CRCW040210R0FKED	Vishay-Dale	RES, 10.0, 1%, 0.063 W, 0402	0402
R2, R14	2	200	CRCW0402200RFKED	Vishay-Dale	RES, 200, 1%, 0.063 W, 0402	0402
R3, R25	2	2.49k	CRCW04022K49FKED	Vishay-Dale	RES, 2.49 k, 1%, 0.063 W, 0402	0402
R4, R15	2	10.0k	PCF0402-12-10KBT1	TT Electronics/IRC	RES, 10.0 k, 0.1%, 0.063 W, 0402	0402
R5, R7, R16, R29	4	4.99k	CRCW04024K99FKED	Vishay-Dale	RES, 4.99 k, 1%, 0.063 W, 0402	0402
R6, R24	2	0	CRCW04020000Z0ED	Vishay-Dale	RES, 0, 5%, 0.063 W, 0402	0402
R8, R28	2	5.1	CRCW04025R10JNED	Vishay-Dale	RES, 5.1, 5%, 0.063 W, 0402	0402
R9, R19	2	1.37k	CRCW04021K37FKED	Vishay-Dale	RES, 1.37 k, 1%, 0.063 W, 0402	0402
R10, R20	2	294k	CRCW0402294KFKED	Vishay-Dale	RES, 294 k, 1%, 0.063 W, 0402	0402
R11, R26	2	64.9k	CRCW040264K9FKED	Vishay-Dale	RES, 64.9 k, 1%, 0.063 W, 0402	0402
R12, R32	2	49.9	CRCW040249R9FKED	Vishay-Dale	RES, 49.9, 1%, 0.063 W, 0402	0402
R27	1	66.5k	CRCW040266K5FKED	Vishay-Dale	RES, 66.5 k, 1%, 0.063 W, 0402	0402
R30	1	1.0	CRCW04021R00JNED	Vishay-Dale	RES, 1.0, 5%, 0.063 W, 0402	0402
R31	1	100k	CRCW0402100KFKED	Vishay-Dale	RES, 100 k, 1%, 0.063 W, 0402	0402
R33	1	26.1k	CRCW040226K1FKED	Vishay-Dale	RES, 26.1 k, 1%, 0.063 W, 0402	0402
U1	1		TPS40322RHB	Texas Instruments	Dual Output or Two-Phase Synchronous Buck Controller, RHB0032D	RHB0032D

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