

6/14/2013

PMP8956 REVB BOM

Designator	Quantity	Value	Description	PackageReference	PartNumber	Manufacturer
C6	1	0.01uF	CAP, CERM, 0.01uF, 50V, +/-10%, X7R, 0603	0603	C1608X7R1H103K	TDK
C10	1	1000pF	CAP, CERM, 1000pF, 50V, +/-10%, X7R, 0603	0603	C1608X7R1H102K	TDK
C8	1	1uF	CAP, CERM, 1uF, 16V, +/-10%, X7R, 0603	0603	C1608X7R1C105K	TDK
C7	1	47pF	CAP, CERM, 47pF, 50V, +/-10%, NPO, 0603	0603	C1608NPO1H470K	TDK
C3	1	0.1uF	CAP, CERM, 0.1uF, 100V, +/-10%, X7R, 0805	0805	C2012X7R2A104K	TDK
C9	1	1uF	CAP, CERM, 1uF, 50V, +/-10%, X7R, 0805	0805	GRM21BR71H105KA12 L	MuRata
C4, C5	2	4.7uF	CAP, CERM, 4.7uF, 100V, +/-20%, X7S, 1210	1210	C3225X7S2A475M	TDK
C1, C2	2	10uF	CAP, CERM, 10uF, 50V, +/-20%, X5R, 1206	1206	C3216X5R1H106M	TDK
D1, D2, D3	3	DFLS1100	Diode, Schottky, 100V, 1A, PowerDI123	PowerDI123	DFLS1100	Diodes Inc.
J1, J2	2		Terminal Block, 6A, 3.5mm Pitch, 2-Pos, TH	7.0x8.2x6.5mm	ED555/2DS	OST
L1	1	47uH	Inductor, Shielded, Ferrite, 47uH, 1.0A, 0.36 ohm	LPS6225	LPS6225-473MLB	Coilcraft
Q1	1	BSZ440N10NS3 G	MOSFET, N-CH, 100V, 28A, PG-TSDSON-8	PG-TSDSON-8	BSZ440N10NS3 G	Infineon
R5	1	0	RES, 0 ohm, 5%, 0.1W, 0603	0603	CRCW06030000Z0EA	Vishay-Dale
R1	1	10	RES, 10 ohm, 1%, 0.1W, 0603	0603	CRCW060310R0JNEA	Vishay-Dale
R2	1	49.9	RES, 49.9 ohm, 1%, 0.1W, 0603	0603	CRCW060349R9FKEA	Vishay-Dale
R6	1	221	RES, 221 ohm, 1%, 0.1W, 0603	0603	CRCW0603221RFKEA	Vishay-Dale
R8	1	10.7k	RES, 10.7k ohm, 1%, 0.1W, 0603	0603	CRCW060310K7FKEA	Vishay-Dale
R4	1	100k	RES, 100k ohm, 1%, 0.1W, 0603	0603	CRCW0603100KFKEA	Vishay-Dale
R10	1	215k	RES, 215k ohm, 1%, 0.1W, 0603	0603	CRCW0603205KFKEA	Vishay-Dale
R11	1	19.6k	RES, 19.6k ohm, 1%, 0.1W, 0603	0603	CRCW060319K6FKEA	Vishay-Dale
R9	1	20k	RES, 20k ohm, 1%, 0.1W, 0603	0603	CRCW060320K0FKEA	Vishay-Dale
R7	1	0.05	RES, 0.05 ohm, 1%, 0.1W, 0805	0805	CRM0805-FW-R050ELF	Bourns
R3	1	1.00Meg	RES, 1.00Meg ohm, 1%, 0.125W, 0805	0805	CRCW08051M00FKEA	Vishay-Dale
TP1, TP3, TP4, TP6	4	Red	Test Point, TH, Miniature, Red	Keystone5000	5000	Keystone
TP2, TP5, TP7	3	Black	Test Point, TH, Miniature, Black	Keystone5001	5001	Keystone
U1	1	LM3481MM	High Efficiency Low-Side N-Channel Controller for Switching Regulators, 10-pin MSOP	MUB10A	LM3481MM	TI

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