

Filename: PMP7942_BOM

4/25/2013

Item	Designator	Description	Manufacturer
1	C1	CAP, CERM, 1uF, 100V, +/-10%, X7R, 1210	MuRata
2	C2	CAP, CERM, 0.01uF, 16V, +/-10%, X7R, 0603	MuRata
3	C3, C11	CAP, CERM, 2.2uF, 25V, +/-10%, X7R, 0805	MuRata
4	C5	CAP, CERM, 0.1uF, 100V, +/-10%, X7R, 0805	Kemet
5	C6	CAP, CERM, 1uF, 16V, +/-10%, X5R, 0603	Kemet
6	C8	CAP, CERM, 1000pF, 25V, +/-10%, X7R, 0603	MuRata
7	C9	Ceramic, X7R, 1000V, 10%	Vishay-Vitramon
8	C10	CAP, CERM, 0.01uF, 50V, +/-10%, X7R, 0603	MuRata
9	D1	Diode, Schottky, 100V, 1A, PowerDI123	Diodes Inc.
10	R1	RES, 127k ohm, 1%, 0.125W, 0805	Vishay-Dale
11	R3	RES, 130k ohm, 1%, 0.125W, 0805	Vishay-Dale
12	R4	RES, 61.9k ohm, 1%, 0.1W, 0603	Yageo America
13	R5	RES, 20.0k ohm, 1%, 0.1W, 0603	Vishay-Dale
14	R6	RES, 0 ohm, 5%, 0.1W, 0603	Vishay-Dale
15	R8	RES, 10.0k ohm, 1%, 0.1W, 0603	Vishay-Dale
16	R10	RES, 2.00k ohm, 1%, 0.125W, 0805	Vishay-Dale
17	T1	Transformer, 1:3, 68.6uH, 3A, 0.015 ohm, +/-28%, SMD	Pulse
18	TP1, TP3, TP4, TP6, TP8	Terminal, Turret, TH, Double	Keystone
19	TP5, TP7, TP10	Test Point, TH, Miniature, White	Keystone
20	TP11	Test Point, TH, Miniature, Red	Keystone
21	U1	100V, 600mA Constant On-Time Synchronous Buck Regulator	Texas Instruments

PartNumber	Quantity
GRM32CR72A105KA35L	1
GRM188R71C103KA01D	1
GRM21BR71E225KA73L	2
C0805C104K1RACTU	1
C0603C105K4PACTU	1
GRM188R71E102KA01D	1
VJ1210Y102KXGAT5Z	1
GRM188R71H103KA01D	1
DFLS1100-7	1
CRCW0805127KFKEA	1
CRCW0805130KFKEA	1
RC0603FR-0761K9L	1
CRCW060320K0FKEA	1
CRCW06030000Z0EA	1
CRCW060310K0FKEA	1
CRCW08052K00FKEA	1
PA2194NL	1
1502-2	5
5002	3
5000	1
LM5017MR	1

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