

Filename: PMP7851_BOM_RevA

Date: 03/11/2013

Part Number	Description	Designator	Footprint	Manufacturer	Quantity
C4532X7R2A225M	CAP, CERM, 2.2uF, 100V, +/-20%, X7R, 1812	C1, C2, C3, C16, C19	1812	TDK	5
GRM31CR72A105KA01L	CAP, CERM, 1uF, 100V, +/-10%, X7R, 1206	C4, C10	1206	MuRata	2
GRM188R72A104KA35D	CAP, CERM, 0.1uF, 100V, +/-10%, X7R, 0603	C5, C6, C11, C13	0603	MuRata	4
EEV-FK1J471M	CAP, AL, 470uF, 63V, +/-20%, 0.082 ohm, SMD	C7, C8, C9	SM_RADIAL_J16	Panasonic	3
06033C101KAT2A	CAP, CERM, 100pF, 25V, +/-10%, X7R, 0603	C12	0603	AVX	1
GRM1885C1H301JA01D	CAP, CERM, 300pF, 50V, +/-5%, C0G/NP0, 0603	C14	0603	MuRata	1
C1608X7R1H223K	CAP, CERM, 0.022uF, 50V, +/-10%, X7R, 0603	C15	0603	TDK	1
0805YD105KAT2A	CAP, CERM, 1uF, 16V, +/-10%, X5R, 0805	C17, C18	0805_HV	AVX	2
GRM1885C1H222JA01D	CAP, CERM, 2200pF, 50V, +/-5%, C0G/NP0, 0603	C20	0603	MuRata	1
MBRB20100CTT4G	Diode, Schottky, 100V, 20A, DDPAK	D1, D2	DDPAK	ON Semiconductor	2
5000	Test Point, TH, Miniature, Red	EN, Sync, VCCX, Vin 30V to 60V	Keystone5000	Keystone	5
SER2918H-223KL	Inductor, Shielded E Core, Ferrite, 22uH, 12A, 0.0026 ohm, SMD	L1	SER2918	Coilcraft	1
IPB136N08N3 G	MOSFET, N-CH, 80V, 45A, DDPAK	Q1, Q2	DDPAK	Infineon Technologies	2
CRCW060360K4FKEA	RES, 60.4k ohm, 1%, 0.1W, 0603	R1	0603	Vishay-Dale	1
CRCW08053R32FKEA	RES, 3.32 ohm, 1%, 0.125W, 0805	R2	0805_HV	Vishay-Dale	1
CRCW06031M00FKEA	RES, 1.00Meg ohm, 1%, 0.1W, 0603	R3	0603	Vishay-Dale	1
CRCW06033K24FKEA	RES, 3.24k ohm, 1%, 0.1W, 0603	R4	0603	Vishay-Dale	1
CRCW06030000Z0EA	RES, 0 ohm, 5%, 0.1W, 0603	R5, R6	0603	Vishay-Dale	2
CRCW060318K2FKEA	RES, 18.2k ohm, 1%, 0.1W, 0603	R7	0603	Vishay-Dale	1
CRCW060334K8FKEA	RES, 34.8k ohm, 1%, 0.1W, 0603	R8	0603	Vishay-Dale	1
CRCW120610K0FKEA	RES, 10.0k ohm, 1%, 0.25W, 1206	R9	1206	Vishay-Dale	1
CRCW060312K1FKEA	RES, 12.1k ohm, 1%, 0.1W, 0603	R10	0603	Vishay-Dale	1
CRCW0603301RFKEA	RES, 301 ohm, 1%, 0.1W, 0603	R11	0603	Vishay-Dale	1
ERJ-M1WSF12MU	RES, 0.012 ohm, 1%, 1W, 2512	R12	2512M	Panasonic	1
LM5118MH	Wide Voltage Range Buck-Boost Controller, 20-pin TSSOP-EP	U1	MXA20A_N	TI	1
Suggest using a net name here	Terminal, Turret, TH, Double	Vin Gnd, Vout Gnd1	Keystone1503-2	Keystone	2

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