PMP10291 REVA BOM.xlsx None 6/24/2014 12:30:05 PM

PMP10291 REV A Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	Package
C1	1				CAP, CERM, open, 1210	1210
C2, C5, C6, C8	4	10uF	GRM32ER71H106KA12L	MuRata	CAP, CERM, 10uF, 50V, +/-10%, X7R, 1210	1210
C3	1	270uF	EEU-FM1H271	Panasonic	CAP, AL, 270uF, 50V, +/-20%, TH	10x20
C7	1				CAP, AL, open, TH	10x20
C12, C19	2	270pF	GRM1885C1H271JA01D	MuRata	CAP, CERM, 270pF, 50V, +/-5%, C0G/NP0, 0603	0603
C13	1	0.1uF	C1608X7R1H104K	TDK	CAP, CERM, 0.1uF, 50V, +/-10%, X7R, 0603	0603
C14	1	560pF	C1608C0G1H561J	TDK	CAP, CERM, 560pF, 50V, +/-5%, C0G/NP0, 0603	0603
C15	1	2700pF	C1608C0G1H272J	TDK	CAP, CERM, 2700pF, 50V, +/-5%, C0G/NP0, 0603	0603
C16	1	18pF	C1608C0G1H180J	TDK	CAP, CERM, 18pF, 50V, +/-5%, C0G/NP0, 0603	0603
C17, C18	2	1uF	C1608X7R1C105K	TDK	CAP, CERM, 1uF, 16V, +/-10%, X7R, 0603	0603
D1	1	45V	SBR10U45SP5	Diodes Inc.	Diode, Super Barrier Rectifier, 45V, 10A, PowerDI5	PowerDI5
D2	1	18V	MMSZ5248B	Diodes Inc.	Diode, Zener, 18V, 500mW, SOD-123	SOD-123
D3	1	6.8V	MMSZ5235B	Diodes Inc.	Diode, Zener, 6.8V, 500mW, SOD-123	SOD-123
D100	1	39V	MMSZ4716-V	Vishay-Semiconductor	Diode, Zener, 39V, 500mW, SOD-123	SOD-123
J1, J2	2		ED555/2DS	On Shore	Terminal Block, 6A, 3.5mm Pitch, 2-Pos, TH	7.0x8.2x6.5mm
J3	1		PEC02SAAN	Sullins Connector Solutions	Header, 100mil, 2x1, Tin plated, TH	Header, 2 PIN,
						100mil, Tin
L1	1	22uH	MSS1210-223ME	Coilcraft	Inductor, Shielded, Ferrite, 22uH, 6.7A, 0.026 ohm, SMD	12.3x10x12.3mm
Q1	1	40V	SIR836DP	Vishay-Siliconix	MOSFET, N-CH, 40V, 21A, PowerPAK SO-8	PowerPAK SO-8
Q2	1	0.2V	MMBT3904	Diodes Inc.	Transistor, NPN, 40V, 0.2A, SOT-23	SOT-23
R1	1	10	CRCW060310R0JNEA	Vishay-Dale	RES, 10 ohm, 1%, 0.1W, 0603	0603
R2	1	309k	CRCW0603309KFKEA	Vishay-Dale	RES, 309k ohm, 1%, 0.1W, 0603	0603
R3	1	150k	CRCW0603150KFKEA	Vishay-Dale	RES, 150k ohm, 1%, 0.1W, 0603	0603
R4, R5	2	20.0k	CRCW060320K0FKEA	Vishay-Dale	RES, 20.0k ohm, 1%, 0.1W, 0603	0603
R6	1	4.7	CRCW06034R70JNEA	Vishay-Dale	RES, 4.7 ohm, 5%, 0.1W, 0603	0603
R7	1	1.00k	CRCW06031K00FKEA	Vishay-Dale	RES, 1.00k ohm, 1%, 0.1W, 0603	0603
R8	1	33.2k	CRCW060333K2FKEA	Vishay-Dale	RES, 33.2k ohm, 1%, 0.1W, 0603	0603
R9	1	0.015	CSR1206FK15L0	Stackpole Electronics Inc	RES, 0.015 ohm, 1%, 0.5W, 1206	1206
R10, R13	2	10.0k	CRCW060310K0FKEA	Vishay-Dale	RES, 10.0k ohm, 1%, 0.1W, 0603	0603
R11, R12	2	10.0	CRCW120610R0FKEA	Vishay-Dale	RES, 10.0 ohm, 1%, 0.25W, 1206	1206
R14	1	49.9	CRCW060349R9FKEA	Vishay-Dale	RES, 49.9 ohm, 1%, 0.1W, 0603	0603
R15	1				RES, open, 0603	0603
R100	1	0.1	CSRN2512FKR100	Stackpole Electronics Inc	RES, 0.1 ohm, 1%, 2W, 2512	2512
R101	1	1.30	CRCW08051R30FKEA	Vishay-Dale	RES, 1.30 ohm, 1%, 0.125W, 0805	0805
TP1, TP2, TP5,	6	Red	5000	Keystone	Test Point, TH, Miniature, Red	Keystone5000
1P0, 1P8, 1P9	-	Diask	5001	Kayatana	Test Deint TH Ministure Disek	Kovatona 5001
1173, 1174, 1177	3			Neystone		
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