PMP8023_RevA BOM

Designator	Description	Manufacturer	PartNumber	Quantity
BR1	Diode, Switching-Bridge, 400V, 0.8A, MiniDIP	Diodes Inc	HD04-T	1
C1	CAP, CERM, 0.1uF, 450V, X7T, 10%, 1206	TDK	C3216X7T2W104K	1
C2	CAP, CERM, 0.22uF, 250V, X7T, 10%, 1206	TDK	C3216X7T2E224K	1
C3	CAP, CERM, 0.1uF, 250V, X7T, 10%, 0805	TDK	C2012X7T2E104K	1
C4	AP, Alum, 100uF, 50V, +/-20%, Radial, 8mm x 9mm	Nichicon	UTS1H101MPD	1
C5	CAP, CERM, 4700pF, 25V, +/-10%, X7R, 0603	MuRata	GRM188R71E472KA01D	1
C6	CAP, CERM, 0.033uF, 25V, +/-10%, X7R, 0603	MuRata	GRM188R71E333KA01D	1
C7	CAP, CERM, 220pF, 50V, +/-5%, C0G/NP0, 0603	MuRata	GRM1885C1H221JA01D	1
C8	CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603	MuRata	GRM188R71E104KA01D	1
D1	Diode, Zener, 15V, 400mW, SOD-323	NXP	PDZ15B.115	1
D2	Diode, Schottky, 200V, 0.25A, SOD-323	Diodes Inc.	BAS321.115	1
D3	Diode, Dual, 70V, 0.25A, SOT-23	Vishay Semiconductors	BAW56-V-GS08	1
D4	Diode, Zener, 4.7V, 400mW, SOD-323	NXP	PDZ4.7B.115	1
D5	Diode, 400V, 1A, SOD-123H	Comchip Technology	CSFMT106-HF	1
F1	Fuse, 500mA, 125V, TH	Bel Fuse Inc	MS 500	1
L1	Inductor, 3300UH, 10%, 83MA	ABRACON	AIAP-01-332-K-T	1
L2	Inductor, 2200uH, 300mA, 4.73ohm max, Radial	Wurth Electronics	7447720222	1
Q1	MOSFET N-CH, 2.2A, 250V, 2ohm, 8.5nC	Vishay	IRFU214PBF	1
Q2	MOSFET N-CH, 2.2A, 250V, 2ohm, 8.5nC	Vishay	IRFU214PBF	1
R1	RES, 100ohm, 1%, 1W, 2010	Stackpole	RMCP2010FT100R	1
R2	RES, 330ohm, 1%, 1W, 2010	Stackpole	RMCP2010FT330R	1
R3	RES, 215k ohm, 1%, 0.1W, 0603	Vishay-Dale	CRCW0603215KFKEA	1
R4	RES, 332k ohm, 1%, 0.25W, 1206	Vishay-Dale	CRCW1206332KFKEA	1
R5	RES, 20.0k ohm, 1%, 0.1W, 0603	Vishay-Dale	CRCW060320K0FKEA	1
R6	RES, 332k ohm, 1%, 0.25W, 1206	Vishay-Dale	CRCW1206332KFKEA	1
R7	RES, 60.4k ohm, 1%, 0.1W, 0603	Vishay-Dale	CRCW060360K4FKEA	1
R8	RES, 1.00k ohm, 1%, 0.1W, 0603	Vishay-Dale	CRCW06031K00FKEA	1
R9	RES, 4.99 ohm, 1%, 0.1W, 0603	Vishay-Dale	CRCW06034R99FKEA	1
R10	RES, 5.49 ohm, 1%, 0.125W, 0805	Vishay-Dale	CRCW08055R49FKEA	1
R11	RES, 5.23 ohm, 1%, 0.125W, 0805	Vishay-Dale	CRCW08055R23FKEA	1
U1	Non-isolated, Phase Dimmable, Buck PFC LED Driver with Digital Reference Control	Texas Instruments	TPS92075DDC/NOPB (SOT)	1

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