

PMP11328_0v85_25A REV A Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	C1	1	10pF	GRM1555C1H100FA01D	MuRata	CAP, CERM, 10 pF, 50 V, +/- 1%, C0G/NP0, 0402	0402
2	C3	1	2200pF	C1005X7R1H222K	TDK	CAP, CERM, 2200 pF, 50 V, +/- 10%, X7R, 0402	0402
3	C4	1	2700pF	GRM155R71H272KA01D	MuRata	CAP, CERM, 2700 pF, 50 V, +/- 10%, X7R, 0402	0402
4	C5	1	330pF	GRM155R71H331KA01D	MuRata	CAP, CERM, 330 pF, 50 V, +/- 10%, X7R, 0402	0402
5	C6	1	1uF	GRM188R71E105KA12D	MuRata	CAP, CERM, 1uF, 25V, +/-10%, X7R, 0603	0603
6	C7	1	4.7uF	GRM185C81A475ME11D	MuRata	CAP, CERM, 4.7 uF, 10 V, +/- 20%, X6S, 0603	0603
7	C8	1	2.2uF	GRM155C80J225KE95D	MuRata	CAP, CERM, 2.2 uF, 6.3 V, +/- 10%, X6S, 0402	0402
8	C9	1	0.1uF	C1005X7R1H104M	TDK	CAP, CERM, 0.1 uF, 50 V, +/- 20%, X7R, 0402	0402
9	C10	1	1000pF	06031C102JAT2A	AVX	CAP, CERM, 1000pF, 100V, +/-5%, X7R, 0603	0603
10	C11, C12	2	22uF	GRM21BC80G226ME39L	MuRata	CAP, CERM, 22 uF, 4 V, +/- 20%, X6S, 0805	0805
11	C13, C14, C15, C16	4	22uF	GRM32EC81E226KE15L	MuRata	CAP, CERM, 22uF, 25V, +/-10%, X6S, 1210	1210
12	C17, C18	2	6800pF	GRM155R71E682KA01D	MuRata	CAP, CERM, 6800pF, 25V, +/-10%, X7R, 0402	0402
13	C19, C20, C21, C22, C23	5	470uF	EEFSX0E471XE	Panasonic	CAP, Aluminum Polymer, 470 uF, 2.5 V, +/- 20%, 0.006 ohm, 7.3x1.8x4.3mm SMD	7.3x1.8x4.3mm
14	C26, C27, C28	3	100uF	GRM32EC80J107ME20L	MuRata	CAP, CERM, 100 uF, 6.3 V, +/- 20%, X6S, 1210	1210
15	L1	1	190nH	IHLP4040DZERR19M01	Vishay-Dale	Inductor, Shielded, Powdered Iron, 190 nH, 40 A, 0.00095 ohm, SMD	IHLP-4040DZ
16	R1	1	100k	CRCW0402100KFKED	Vishay-Dale	RES, 100 k, 1%, 0.063 W, 0402	0402
17	R2	1	11.5k	CRCW040211K5FKED	Vishay-Dale	RES, 11.5 k, 1%, 0.063 W, 0402	0402
18	R3, R5, R10	3	10.0k	CRCW040210K0FKED	Vishay-Dale	RES, 10.0 k, 1%, 0.063 W, 0402	0402
19	R7	1	40.2k	CRCW040240K2FKED	Vishay-Dale	RES, 40.2 k, 1%, 0.063 W, 0402	0402
20	R8	1	1.00k	CRCW04021K00FKED	Vishay-Dale	RES, 1.00 k, 1%, 0.063 W, 0402	0402
21	R11	1	34.8k	CRCW040234K8FKED	Vishay-Dale	RES, 34.8 k, 1%, 0.063 W, 0402	0402
22	R12	1	8.66k	CRCW04028K66FKED	Vishay-Dale	RES, 8.66 k, 1%, 0.063 W, 0402	0402
23	R13, R15	2	51	CRCW040251R0JNED	Vishay-Dale	RES, 51, 5%, 0.063 W, 0402	0402
24	R14, R17, R21	3	0	CRCW04020000Z0ED	Vishay-Dale	RES, 0, 5%, 0.063 W, 0402	0402
25	R16	1	1	CRCW12061R00JNEA	Vishay-Dale	RES, 1.0 ohm, 5%, 0.25W, 1206	1206
26	R19	1	15.4k	CRCW040215K4FKED	Vishay-Dale	RES, 15.4 k, 1%, 0.063 W, 0402	0402
27	U1	1		TPS544C25RVF	Texas Instruments	18V, 30A PMBUS SYNCHRONOUS BUCK CONVERTERS, RVF0040A	RVF0040A

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