

PMP11600 REV E1 Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
C1	1	470pF	GRM31A5C2J471JW01D	MuRata	CAP, CERM, 470 pF, 630 V, +/- 5%, C0G/NP0, 1206	1206
C2, C3	2	10uF	ECA-2WHG10	Panasonic	CAP, AL, 10 µF, 450 V, +/- 20%, TH	TH, 2-Leads, Dia 10mm, Pin Spacing 5mm
C4, C5	2	680uF	6SEPC680MW	Panasonic	CAP, AL, 680 µF, 6.3 V, +/- 20%, 0.007 ohm, TH	6.3x9mm
C6	1	0.1uF	C1608X7R1E104K	TDK	CAP, CERM, 0.1 µF, 25 V, +/- 10%, X7R, 0603	0603
C7	1	1000pF	06035A102KAT2A	AVX	CAP, CERM, 1000 pF, 50 V, +/- 10%, C0G/NP0, 0603	0603
C8	1	2.2uF	GMK316AB7225KL-TR	Taiyo Yuden	CAP, CERM, 2.2 µF, 35 V, +/- 10%, X7R, 1206	1206
C10	1	1uF	GRM188R61E105KA12D	MuRata	CAP, CERM, 1 µF, 25 V, +/- 10%, X5R, 0603	0603
C11	1	NA	NA	NA	NA	0603
C12	1	100pF	DE1B3KX101K	MuRata	CAP, CERM, 100 pF, 250 V, +/- 20%, E, Disc 10x8mm	Disc 10x8mm
D1, D2, D3, D4, D5	5	600V	DFLR1600-7	Diodes Inc.	Diode, Standard Recovery Rectifier, 600 V, 1 A, PowerDI123	PowerDI123
D6	1	150V	BAS20HT1	ON Semiconductor	Diode, P-N, 150 V, 0.2 A, SOD-323	SOD-323
D9	1	40V	PDS1040L-13	Diodes Inc.	Diode, Schottky, 40 V, 10 A, PowerDI5	PowerDI5
F1	1	3.15A	3921350000	Littelfuse	Fuse, 3.15 A, 250 V, TH	8x8.5x4mm
L1	1	470uH	7447462471	Würth Elektronik	Inductor, Unshielded Drum Core, Ferrite, 470 µH, 0.35 A, 1.58 ohm, TH	D6 x 8.5mm
Q1	1	40V	CSD18502Q5B	Texas Instruments	MOSFET, N-CH, 40 V, 38 A, SON 5x6mm	SON 5x6mm
Q2	1	650V	SW7N65	AOS	MOSFET, N-CH, 650 V, 7 A, IPAK	IPAK
R1	1	4.7M	CRCW12064M70JNEA	Vishay-Dale	RES, 4.7 M, 5%, 0.25 W, 1206	1206
R2	1	330k	CRCW1206330KJNEA	Vishay-Dale	RES, 330 k, 5%, 0.25 W, 1206	1206
R4	1	1.2k	CRCW06031K20JNEA	Vishay-Dale	RES, 1.2 k, 5%, 0.1 W, 0603	0603
R5	1	50	CRCW080550R0JNEA	Vishay-Dale	RES, 50, 5%, 0.125 W, 0805	0805
R7	1	120	CRCW1206120RJNEA	Vishay-Dale	RES, 120, 5%, 0.25 W, 1206	1206
R8, R10, R14	2	0	CRCW06030000Z0EA	Vishay-Dale	RES, 0, 5%, 0.1 W, 0603	0603
R9	1	150k	CRCW0603150KFKEA	Vishay-Dale	RES, 150 k, 1%, 0.1 W, 0603	0603
R11	1	120k	CRCW0603120K0JNEA	Vishay-Dale	RES, 120 k, 5%, 0.1 W, 0603	0603
R12,	2	68k	CRCW060368K0JNEA	Vishay-Dale	RES, 68 k, 5%, 0.1 W, 0603	0603
R13	1	2	CRCW06032R0JNEA	Vishay-Dale	RES, 2, 5%, 0.1 W, 0603	0603
R24	1	10k	CRCW080510K0JNEA	Vishay-Dale	RES, 10 k, 5%, 0.1 W, 0805	0805
R15	1	220	CRCW0603220RJNEA	Vishay-Dale	RES, 220, 5%, 0.1 W, 0603	0603
R17	1	47k	CRCW060347K0JNEA	Vishay-Dale	RES, 47 k, 5%, 0.1 W, 0603	0603
R18	1	300k	CRCW0603300K0FKEA	Vishay-Dale	RES, 300 k, 1%, 0.1 W, 0603	0603
R19	1	2.4	CRCW12062R40JNEA	Vishay-Dale	RES, 2.4, 5%, 0.25 W, 1206	1206
R20	1	2.0	CRCW12062R00JNEA	Vishay-Dale	RES, 2.0, 5%, 0.25 W, 1206	1206
R21	1	10k	CRCW060310K0JNEA	Vishay-Dale	RES, 10 k, 5%, 0.1 W, 0603	0603
R22	1	20k	CRCW060320K0JNEA	Vishay-Dale	RES, 20 k, 5%, 0.1 W, 0603	0603
R23	1	51k	CRCW060351K0JNEA	Vishay-Dale	RES, 51 k, 5%, 0.1 W, 0603	0603
RT1	1	NA	NA	NA	Thermistor	0603
T1	1	730uH	NA	NA	Transformer, Flyback	
U1	1		UCC28704DBVR	Texas Instruments	Constant-Voltage, Constant-Current Controller With Primary-Side Regulation, DBV0006A	DBV0006A

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U3	1		UCC24636DBV	Texas Instruments	SYNCHRONOUS RECTIFIER CONTROLLER WITH LOW POWER STANDBY, DBV0006A	DBV0006A
USB1	1				Connector	

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