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## PMP11338 REV E1 Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
C1	1	10uF	1210YD106KAT2A	AVX	CAP, CERM, 10 μF, 16 V, +/- 10%, X5R, 1210	1210
C2, C4	2	10uF	GMK316BJ106KL-T	Taiyo Yuden	CAP, CERM, 10 µF, 35 V, +/- 10%, X5R, 1206_190	1206_190
C3, C5, C9	3	1uF	0805YD105KAT2A	AVX	CAP, CERM, 1 μF, 16 V, +/- 10%, X5R, 0805	0805
C6	1	0.1uF	0603YC104JAT2A	AVX	CAP, CERM, 0.1 μF, 16 V, +/- 5%, X7R, 0603	0603
C7	1	0.01uF	06031C103JAT2A	AVX	CAP, CERM, 0.01 μF, 100 V, +/- 5%, X7R, 0603	0603
C8	1	100pF	06033C101KAT2A	AVX	CAP, CERM, 100 pF, 25 V, +/- 10%, X7R, 0603	0603
C10, C11	2	1000pF	202R18W102KV4E	Johanson Technology	CAP, CERM, 1000 pF, 2000 V, +/- 10%, X7R, 1206_190	1206_190
D1	1	60V	VS-48CTQ060SPBF	Vishay-Semiconductor	Diode, Schottky, 60 V, 20 A, AEC-Q101, DDPAK	DDPAK
J1, J2	2		ED555/2DS	On-Shore Technology	Terminal Block, 6A, 3.5mm Pitch, 2-Pos, TH	7.0x8.2x6.5mm
L1	1	22uH	JA4590-AL	Coilcraft	Coupled inductor, 22 µH, 7.8 A, 0.028 ohm, +/- 10%, SMD	15 x 13.9 x 15mm
Q1	1	60V	2N7002ET1G	ON Semiconductor	MOSFET, N-CH, 60 V, 0.26 A, SOT-23	SOT-23
Q2	1	60V	CSD18534Q5A	Texas Instruments	MOSFET, N-CH, 60 V, 50 A, SON 5x6mm	SON 5x6mm
Q3, Q4	2	40 V	MMBT3904-7-F	Diodes Inc.	Transistor, NPN, 40 V, 0.2 A, SOT-23	SOT-23
R1, R4, R8, R13	4	10.0k	CRCW060310K0FKEA	Vishay-Dale	RES, 10.0 k, 1%, 0.1 W, 0603	0603
R2	1	110k	CRCW0603110KFKEA	Vishay-Dale	RES, 110 k, 1%, 0.1 W, 0603	0603
R3	1	1.96k	CPF0603B1K96E	TE Connectivity	RES, 1.96 k, 0.1%, 0.063 W, 0603	0603
R5	1	10.0	CRCW060310R0FKEA	Vishay-Dale	RES, 10.0, 1%, 0.1 W, 0603	0603
R6	1	140k	CRCW0603140KFKEA	Vishay-Dale	RES, 140 k, 1%, 0.1 W, 0603	0603
R7	1	1.00k	CRCW06031K00FKEA	Vishay-Dale	RES, 1.00 k, 1%, 0.1 W, 0603	0603
R9, R10	2	0.15	WSL1206R1500FEA	Vishay-Dale	RES, 0.15, 1%, 0.25 W, 1206	1206
R11	1	15.4k	CRCW060315K4FKEA	Vishay-Dale	RES, 15.4 k, 1%, 0.1 W, 0603	0603
R12	1	11.0k	CRCW060311K0FKEA	Vishay-Dale	RES, 11.0 k, 1%, 0.1 W, 0603	0603
R14	1	1.50k	CRCW06031K50FKEA	Vishay-Dale	RES, 1.50 k, 1%, 0.1 W, 0603	0603
R15	1	1.24k	CRCW06031K24FKEA	Vishay-Dale	RES, 1.24 k, 1%, 0.1 W, 0603	0603
TP1, TP3, TP4,	5	Red	5000	Keystone	Test Point, TH, Miniature, Red	Keystone5000
TP5, TP6						
TP2, TP7	2	Black	5001	Keystone	Test Point, Miniature, Black, TH	Black Miniature Testpoint
U1	1		TPS92690PWPR/NOPB	Texas Instruments	N-Channel Controller for Dimmable LED Drives with Low-Side Current Sense, PWP0016A	PWP0016A

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