

## PMP22835 REV C Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
C1	1	10uF	CGA5L1X7R1H106K160AC	TDK	CAP, CERM, 10 $\mu$ F, 50 V, +/- 10%, X7R, AEC-Q200 Grade 1, 1206	1206
C2, C7, C8, C9	4	1uF	CGA3E1X7R1V105K080AC	TDK	CAP, CERM, 1 uF, 35 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0603	0603
C3, C6	2	8200pF	CGA4C2C0G1H822J060AA	TDK	CAP, CERM, 8200 pF, 50 V, +/- 5%, C0G/NP0, AEC-Q200 Grade 0, 0805	0805
C4	1	4.7uF	CGA5L3X7R1H475K160AE	TDK	CAP, CERM, 4.7 $\mu$ F, 50 V, +/- 10%, X7R, AEC-Q200 Grade 1, 1206	1206
C5	1	4.7uF	GCM21BR71C475KA73K	MuRata	CAP, CERM, 4.7 uF, 16 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0805	0805
D1, D3	2	60V	PMEG6010CEGWJ	Nexperia	Diode, Schottky, 60 V, 1 A, AEC-Q101, SOD-123	SOD-123
D2	1	3.9V	MMSZ4686-HE3-08	Vishay-Semiconductor	Diode, Zener, 3.9 V, 500 mW, AEC-Q101, SOD-123	SOD-123
P1	1		691313710002	Würth Elektronik	Serie 3137 - 5.00mm Close Horizontal PCB Header WR-TBL, 2 pin	
P2	1		691313710003	Würth Elektronik	Serie 3137 - 5.00mm Close Horizontal PCB Header WR-TBL, 3 pin	
P3	1		691352710002	Würth Elektronik	2 Position Terminal Block Plug, Female Sockets 0.197" (5.00mm)	
P4	1		691352710003	Würth Elektronik	3 Position Terminal Block Plug, Female Sockets 0.197" (5.00mm)	
Q1	1	60V	2N7002Q-7-F	Diodes Inc.	MOSFET, N-CH, 60 V, 0.115 A, AEC-Q101, SOT-23	SOT-23
R1	1	4.7k	CRCW12064K70JNEA	Vishay-Dale	RES, 4.7 k, 5%, 0.25 W, AEC-Q200 Grade 0, 1206	1206
R2	1	0	CRCW06030000Z0EA	Vishay-Dale	RES, 0, 5%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R3	1	3.24k	CRCW06033K24FKEA	Vishay-Dale	RES, 3.24 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R4	1	11.0k	CRCW060311K0FKEA	Vishay-Dale	RES, 11.0 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R5, R7	2	10.0k	CRCW060310K0FKEA	Vishay-Dale	RES, 10.0 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
R6	1	100k	CRCW0603100KFKEA	Vishay-Dale	RES, 100 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603
T1	1	83uH	750319331r01	Würth Elektronik	Transformer, 83 uH, 1:1, SMT	10.95x11.30mm
TP1, TP2, TP5, TP6, TP7, TP8, TP9	7		5010	Keystone	Test Point, Multipurpose, Red, TH	Red Multipurpose Testpoint
TP3, TP4, TP11, TP12	4		5011	Keystone	Test Point, Multipurpose, Black, TH	Black Multipurpose Testpoint
TP10	1		5125	Keystone	Test Point, Multipurpose, Brown, TH	Brown Multipurpose Testpoint
U1	1		UCC25800DGNRQ1	Texas Instruments	Open Loop LLC Transformer Driver for Isolated Bias Supplies	VSSOP8
C10	0	100pF	GCM1885C2A101JA16D	MuRata	CAP, CERM, 100 pF, 100 V, +/- 5%, C0G/NP0, AEC-Q200 Grade 1, 0603	0603

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