



## PMP10835 REV B Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
C1	1	4.7uF	GRM21BC81E475KA12	MuRata	CAP, CERM, 4.7 $\mu$ F, 25 V, +/- 10%, X6S, 0805	0805
C2, C3	2	1uF	C1608X7R1E105K080AB	TDK	CAP, CERM, 1 $\mu$ F, 25 V, +/- 10%, X7R, 0603	0603
C4	1	0.1uF	C1608X7R1E104K	TDK	CAP, CERM, 0.1 $\mu$ F, 25 V, +/- 10%, X7R, 0603	0603
D1	1	40V	MBR140SFT1G	ON Semiconductor	Diode, Schottky, 40 V, 1 A, SOD-123FL	SOD-123FL
D2	1	15V	MMSZ5245BS-7-F	Diodes Inc.	Diode, Zener, 15 V, 200 mW, SOD-323	SOD-323
J1, J2	2		ED555/2DS	OST	Terminal Block, 6A, 3.5mm Pitch, 2-Pos, TH	7.0x8.2x6.5mm
J3	1		PEC03SAAN	Sullins Connector Solutions	Header, 100mil, 3x1, Tin, TH	Header, 3 PIN, 100mil, Tin
J4	1		SM02B-BHSS-1-TB(LF)(SN)	JST Manufacturing	BHS Connector, 3.5 mm, 2x1, Tin, SMT	BHS Connector, 3.5 mm, 2x1, SMT
L1, L2	2	18uH	LPS4018-183MLB	Coilcraft	Inductor, Shielded Drum Core, Ferrite, 18 $\mu$ H, 0.85 A, 0.27 ohm, SMD	LPS4018
Q1	1	40 V	MMBT4403	Fairchild Semiconductor	Transistor, PNP, 40 V, 0.6 A, SOT-23	SOT-23
Q2	1	40 V	MMBT4401-7-F	Diodes Inc.	Transistor, NPN, 40 V, 0.15 A, SOT-23	SOT-23
R1, R5, R6, R7	4	10.0k	CRCW060310K0FKEA	Vishay-Dale	RES, 10.0 k, 1%, 0.1 W, 0603	0603
R2	1	49.9	CRCW060349R9FKEA	Vishay-Dale	RES, 49.9 ohm, 1%, 0.1W, 0603	0603
R3	1	40.2	CRCW060340R2FKEA	Vishay-Dale	RES, 40.2, 1%, 0.1 W, 0603	0603
R4	1	0.82	ERJ-6RQFR82V	Panasonic	RES, 0.82, 1%, 0.125 W, 0805	0805
TP1, TP2, TP3, TP6, TP7, TP9, TP10	7	Red	5000	Keystone	Test Point, TH, Miniature, Red	Keystone5000
TP4, TP5, TP8, TP11	4	Black	5001	Keystone	Test Point, TH, Miniature, Black	Keystone5001
U1	1		TPS61165DRVT	Texas Instruments	High Brightness White LED Driver, 3 to 18 V, -40 to 85 degC, 6-pin SON (DRV6), Green (RoHS & no Sb/Br)	DRV0006A

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