

## WLED Wemos shield BOM

Name	Value	Manufacturer	Digikey	MPN	QTY
<b>R1, R3, R4</b>	10kOhm	Stackpole Electronics Inc	CFM14JT10K0	CFM14JT10K0	3
<b>R2, R5, R6, R7</b>	4.7kOhm	Stackpole Electronics Inc	S4.7KQCT-ND	CFM14JT4K70	4
<b>C1</b>	0.1uF	Kemet	399-4151-ND	C315C104M5U5TA	1
<b>C4, C5</b>	10uF	TDK Corporation	445-8262-ND	FK11X7R1E106M	2
<b>C6</b>	470uF 10V	Würth Elektronik	732-8708-1-ND	860010273011	1
<b>C2</b>	1000uF 25V	Nichicon	493-1065-ND	UVR1E102MPD	1
<b>Q1</b>	2N7000	ON Semiconductor	2N7000FS-ND	2N7000	1
<b>D1</b>	1N4148	Vishay Diodes	1N4148-P-TAPGICT-ND	1N4148-P-TAP	1
<b>D2</b>	1N5817	Micro Commercial Co	1N5817-TPCT-ND	1N5817-TP	1
<b>U1</b>	DS18B20	Maxim Integrated	DS18B20+-ND	DS18B20+	1
<b>F1</b>	3568	Keystone Electronics	36-3568-ND	3568	1
<b>F2</b>	16V 900mA	Littelfuse Inc.	RUSBF090-2HFCT-ND	RUSBF090-2	1
<b>LV1</b>	SN74AHCT125	Texas Instruments	296-4655-5-ND	SN74AHCT125N	1
<b>K1</b>	SRD-05VDCSL-C	Songle	Amazon, Aliexpress	SRD-05VDCSL-C	1
<b>K1 alternate</b>	ORWH-SH-105D1F,000	TE Connectivity Potter	PB2032-ND	ORWH-SH-105D1F,000	1
<b>PS1</b>	VXO7805-500	CUI Inc.	102-4249-ND	VXO7805-500	1
<b>X1</b>	TERM BLK 2P SIDE ENT 5.08MM PCB	Molex	WM4393-ND	398800302	1
<b>X2</b>	TERM BLK 4P SIDE ENT 5.08MM PCB	Molex	WM13972-ND	398800304	1
<b>H1, H2</b>	CONN HDR 8POS 0.1 GOLD PCB	Sullins Connector Solutions	S7041-ND	PPPC081LFBN-RC	2
<b>Headers</b>	CONN HEADER VERT 20POS 2.54MM	Harwin Inc.	952-3306-ND	M20-9992045	1
<b>Jumper</b>	CONN JUMPER SHORTING GOLD	Sullins Connector Solutions	S9001-ND	SPC02SYAN	1