

WLED Wemos shield normal and sound reactive BOM (see schematic)

Name	Value	Manufacturer	Digikey	MPN	QTY
<b>R1, R3, R4</b>	10kOhm	Stackpole Electronics Inc	S10KQTR-ND	CF14JT10K0	3
<b>R2, R5, R6, R7</b>	4.7kOhm	Stackpole Electronics Inc	S4.7KQCT-ND	CFM14JT4K70	4
<b>R8, R9</b>	680Ohm	Stackpole Electronics Inc	S680QCT-ND	CFM14JT680R	2
<b>R10</b>	5.1kOhm	Stackpole Electronics Inc	S5.1KQCT-ND	CFM14JT5K10	1
<b>R11, R12</b>	1mOhm	Stackpole Electronics Inc	S1MQCT-ND	CFM14JT1M00	2
<b>C1, C3, C7</b>	0.1uF	Kemet	399-4151-ND	C315C104M5U5TA	3
<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	TubeDepot	2197-1N4148-ND	1N4148	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>	30V 500mA	Littelfuse Inc.	RHEF050HF-ND	RHEF050	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>Audio socket</b>	CONN JACK STEREO 2.5MM R/A	CUI Devices	CP1-2503A-ND	SJ1-2503A	1
<b>SW1</b>	SWITCH SLIDE SPDT 200MA 30V	TE Connectivity	1825232-1	A107673-ND	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