

## WLED controller v0.8 IP67 BOM

Name	Value	Manufacturer	Digikey	MPN	QTY
<b>MOD1</b>	ESP-07S module (Aliexpress or Amazon)	RF Solutions	ESP-07S-ND	ESP-07S	1
<b>R1, R6, R7</b>	10kOhm	Stackpole Electronics Inc	CF14JT10K0CT-ND	CF14JT10K0	3
<b>R2, R3, R4, R5</b>	4.7kOhm	Stackpole Electronics Inc	S4.7KQCT-ND	CFM14JT4K70	4
<b>C2, C8</b>	0.1uF	AVX Corporation	478-3188-ND	SR215C104KAR	2
<b>C1, C4, C5, C7</b>	10uF	TDK Corporation	445-181284-1-ND	FG28X5R1E106MRT06	4
<b>C6</b>	470uF 10V	Würth Elektronik	732-8708-1-ND	860010273011	1
<b>C3</b>	1000uF 25V	Nichicon	493-1065-ND	UVR1E102MPD	1
<b>Q1</b>	2N7000	ON Semiconductor	2N7000FS-ND	2N7000	1
<b>D2</b>	1N4148	TubeDepot	2197-1N4148-ND	1N4148	1
<b>D1</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>PS2</b>	MCP1826ST	Microchip Technology	MCP1826ST-3302E/DBCT-ND	MCP1826ST-3302E/DB	1
<b>RST, PRG</b>	PTS636SL43LFS	C&K	CKN12301-ND	PTS636 SL43 LFS	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
<b>Enclosure</b>	Various sources	Bud Industries		PN-1321-MB	
<b>Connectors</b>	<a href="#">Link on github</a>				
<b>Wi-Fi Antenna</b>	<a href="#">Link on github</a>				
<b>Pushbutton</b>	<a href="#">Link on github</a>				
<b>Display</b>	<a href="#">Link on github</a>				