

WLED controller v0.8 IP67 BOM

Name	Value	Manufacturer	Digikey	MPN	QTY
MOD1	ESP-07S module (Aliexpress or Amazon)	RF Solutions	ESP-07S-ND	ESP-07S	1
R1, R6, R7	10kOhm	Stackpole Electronics Inc	CF14JT10K0CT-ND	CF14JT10K0	3
R2, R3, R4, R5	4.7kOhm	Stackpole Electronics Inc	S4.7KQCT-ND	CFM14JT4K70	4
C2, C8	0.1uF	AVX Corporation	478-3188-ND	SR215C104KAR	2
C1, C4, C5, C7	10uF	TDK Corporation	445-181284-1-ND	FG28X5R1E106MRT06	4
C6	470uF 10V	Würth Elektronik	732-8708-1-ND	860010273011	1
C3	1000uF 25V	Nichicon	493-1065-ND	UVR1E102MPD	1
Q1	2N7000	ON Semiconductor	2N7000FS-ND	2N7000	1
D2	1N4148	TubeDepot	2197-1N4148-ND	1N4148	1
D1	1N5817	Micro Commercial Co	1N5817-TPCT-ND	1N5817-TP	1
U1	DS18B20	Maxim Integrated	DS18B20+-ND	DS18B20+	1
F1	3568	Keystone Electronics	36-3568-ND	3568	1
F2	30V 500mA	Littelfuse Inc.	RHEF050HF-ND	RHEF050	1
LV1	SN74AHCT125	Texas Instruments	296-4655-5-ND	SN74AHCT125N	1
K1	SRD-05VDCSL-C	Songle	Amazon, Aliexpress	SRD-05VDCSL-C	1
K1 alternate	ORWH-SH-105D1F,000	TE Connectivity Potter	PB2032-ND	ORWH-SH-105D1F,000	1
PS1	VXO7805-500	CUI Inc.	102-4249-ND	VXO7805-500	1
PS2	MCP1826ST	Microchip Technology	MCP1826ST-3302E/DBCT-ND	MCP1826ST-3302E/DB	1
Headers	CONN HEADER VERT 20POS 2.54MM	Harwin Inc.	952-3306-ND	M20-9992045	1
Jumper	CONN JUMPER SHORTING GOLD	Sullins Connector Solutions	S9001-ND	SPC02SYAN	1
Enclosure	Various sources	Bud Industries		PN-1321-MB	
Connectors	Link on github				
Wi-Fi Antenna	Link on github				
Pushbutton	Link on github				
Display	Link on github				