WLED_Wemos_shield_Digikey					
WLED Wemos shield BOM					
Name	Value	Manufacturer	Digikey	MPN	QTY
R3, R4	10kOhm	Stackpole Electronics Inc	S10KQCT-ND	CFM14JT10K0	2
R1, R5, R6, R7	4.7kOhm	Stackpole Electronics Inc	S4.7KQCT-ND	CFM14JT4K70	4
R2	150Ohm	Stackpole Electronics Inc	S150QCT-ND	CFM14JT150R	1
C1	0.1uF	Kemet	399-4151-ND	C315C104M5U5TA	1
C4, C5	10uF	TDK Corporation	445-8262-ND	FK11X7R1E106M	2
C6	470uF 10V	Würth Elektronik	732-8708-1-ND	860010273011	1
C2	1000uF 25V	Nichicon	493-1065-ND	UVR1E102MPD	1
Q1	2N7000	ON Semiconductor	2N7000FS-ND	2N7000	1
D1	1N4148	Vishay Diodes	1N4148-P-TAPGICT-ND	1N4148-P-TAP	1
D2	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	16V 900mA	Littelfuse Inc.	RUSBF090-2HFCT-ND	RUSBF090-2	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 (jumper select)	VXO7805-500	CUI Inc.	102-4249-ND	VXO7805-500	1
X1	TERM BLK 2P SIDE ENT 5.08MM PCB	Molex	WM4393-ND	398800302	1
X2	TERM BLK 4P SIDE ENT 5.08MM PCB	Molex	WM13972-ND	398800304	1
H1, H2 (Wemos D1 mini)	CONN HDR 8POS 0.1 GOLD PCB	Sullins Connector Solutions	S7041-ND	PPPC081LFBN-RC	2
H1, H3, H4 (ESP 32 mini)	CONN HDR 8POS 0.1 GOLD PCB	Sullins Connector Solutions	S7041-ND	PPPC081LFBN-RC	3
H2 (ESP 32 mini)	CONN HDR 10POS 0.1 GOLD PCB	Sullins Connector Solutions	S7043-ND	PPPC101LFBN-RC	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
SW1	SWITCH TACTILE	TE Connectivity	450-1657-ND	1825027-8	1
IR	SENSOR REMOTE REC 38.0KHZ 45M	Vishay Semiconductor	TSOP38238	TSOP38238	1
FUSE	Mini fuse is depend on current rating of your setup. Kit https://www.amazon.com/CrocSee-250-Pieces-Assortment-Replacement/dp/B0895PV8S2/ref=sr_1_2_sspa?crid=3M7DYX0DB17FA&dchild=1&keywords=automotive+mini+fuses&qid=1607439551&sprefix=automotive+mini%2Cindustrial%2C150&sr=8-2-spons&psc=1&smid=A2EFSDTWMPHWEA&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUEyWUtVTkxSWFZQWFNDJmVuY3J5cHRlZElkPUEwNzAyMjU2MVJaM1IySUg4SkxZWCZlbmNyeXB0ZWRBZElkPUExMDQwMzcxM1AxOEQ3RDdNNlFGRSZ3aWRnZXROYW1lPXNwX2F0ZiZhY3Rpb249Y2xpY2tSZWRpcmVjdCZkb05vdExvZ0NsaWNrPXRydWU=				