

Source: C:\Users\vm935\Downloads\WirelessConnection_1.kicad_sch
 Date: 3/6/2026 0:00
 Tool: Eeschema 7.0.8
 Generator: C:\Program Files\KiCad\7.0\bin\scripting\plugins\bom_csv_grouped_by_value.py
 Component Count: 23

Collated Components:

Item	Qty	Reference(s)	Value	LibPart
	1	1 C1		0.1 Device:C
	2	1 C2		1000 Device:C
	3	1 C3		1 Device:C
	4	5 D1, D2, D3, D4, D5	LED	Device:LED
	5	1 D6	1N5822	Diode:1N5822
	6	1 F1	Fuse	Device:Fuse
	7	1 J3	Conn_01x08	Connector_Generic:Conn_01x08
	8	1 J4	Conn_02x08	Connector_Generic:Conn_01x08
	9	1 L1		100 Device:L
	10	5 R1, R2, R3, R4, R5	1K	Device:R_US
	11	1 R6	10K	Device:R_US
	12	2 SW1, SW2	SW_Push	Switch:SW_Push
	13	1 U1	ESP32-WROOM-32	RF_Module:ESP32-WROOM-32
	14	1 U3	LM2576HVS-3.3	Regulator_Switching:LM2576HVS-3.3

Footprint	Datasheet
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Diode_THT:D_DO-201AD_P15.24mm_Horizontal	http://www.vishay.com/docs/88526/1n5820.pdf
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RF_Module:ESP32-WROOM-32	https://www.espressif.com/sites/default/files/documentation/esp32-wroom-32_datasheet_en.pdf
Package_TO_SOT_SMD:TO-263-5_TabPin3	http://www.ti.com/lit/ds/symlink/lm2576.pdf

