

Reference	Qty	Value	DNP	Footprint	Description	LCSC
C1,C4	2	10uF		Capacitor_SMD:C_0805_2012Metric	10uF X5R ±10% 25V	C15850
C2,C5	2	100nF		Capacitor_SMD:C_0402_1005Metric	100nF X7R ±10% 16V	C1525
C3	1	2.2uF		Capacitor_SMD:C_0603_1608Metric	2.2uF X5R ±10% 16V	C23630
D1,D2	2	1N5819WS		Diode_SMD:D_SOD-323	1N5819WS - 1A Schottky Diode	C191023
D3	1	KT-0805G		LED_SMD:LED_0805_2012Metric	KT-0805G - Led green, 230 mcd @ 20 mA	C2297
D4	1	KT-0805B		LED_SMD:LED_0805_2012Metric	KT-0805B - Led blue, 55 mcd @ 20 mA	C2293
J1	1	Screw_Terminal_01x02	DNP	TerminalBlock_Phoenix:TerminalBlock_Phoenix_MKDS-1,5-2-5.08_1x02_P5.08mm_Horizontal	Generic screw terminal, single row, 01x02, script generated (kicad-library-utils/schlib/autogen/connector.	
J2	1	Conn_01x06_Pin	DNP	Connector_PinHeader_2.54mm:PinHeader_1x06_P2.54mm_Vertical	Generic connector, single row, 01x06, script generated	
J3	1	USB_C_Receptacle_USB2.0_16P		Connector_USB:USB_C_Receptacle_XKB_U262-16XN-4BVC11	KH-TYPE-C-16P - USB-C receptable connector	C709357
J4	1	Conn_01x03_Pin	DNP	Connector_PinHeader_2.54mm:PinHeader_1x03_P2.54mm_Vertical	Generic connector, single row, 01x03, script generated	
J5	1	Conn_02x08_Odd_Even		Connector_IDC:IDC-Header_2x08_P2.54mm_Vertical_SMD	2x8p IDC Header, SMD vertical, P=2.54mm	C601969
R1,R2,R3,R4	4	5k1		Resistor_SMD:R_0603_1608Metric	5k1, 100mW Thick Film Resistor, 1%	C23186
R5	1	470		Resistor_SMD:R_0603_1608Metric	470 ohm, 100mW Thick Film Resistor, 1%	C23179
R6	1	100		Resistor_SMD:R_0603_1608Metric	100 ohm, 100mW Thick Film Resistor, 1%	C22775
SW1	1	Reset		Button_Switch_SMD:SW_SPST_SKQG_WithStem	TS-1187A-B-A-B, tacticle switch, 5.1x5.1mm	C318884
SW2	1	Menu Left		Button_Switch_SMD:SW_SPST_SKQG_WithStem	TS-1187A-B-A-B, tacticle switch, 5.1x5.1mm	C318884
SW3	1	Boot/Value+		Button_Switch_SMD:SW_SPST_SKQG_WithStem	TS-1187A-B-A-B, tacticle switch, 5.1x5.1mm	C318884
SW4	1	Value-		Button_Switch_SMD:SW_SPST_SKQG_WithStem	TS-1187A-B-A-B, tacticle switch, 5.1x5.1mm	C318884
SW5	1	Menu Right		Button_Switch_SMD:SW_SPST_SKQG_WithStem	TS-1187A-B-A-B, tacticle switch, 5.1x5.1mm	C318884
U1	1	USBLC6-2SC6		Package_TO_SOT_SMD:SOT-23-6	USBLC6-2SC6 - USB2 dataline protection TVS/ESD	C7519
U2	1	AMS1117-3.3		Package_TO_SOT_SMD:SOT-223-3_TabPin2	AMS1117-3.3 LDO, +3.3V fixed output	C5346136
U3	1	ESP32-S3-WROOM-1		RF_Module:ESP32-S3-WROOM-1	ESP32-S3-WROOM-1-N16R8 SoC	C2913202