



Title		
Size	Number	Revision
A		
Date:	3/05/2025	Sheet of
File:	C:\Users\...\Schematic01.SchDoc	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
26643001RP2	Board Connector	30pinHeader		CMP-00006-1	1
	Capacitor	C1		Capacitor	1
Capacitor	Capacitor	C2, C3, C4, C5, C6, C7, C8, C9		Capacitor	8
Diode	Diode	D1, D2, D3, D4		Diode	4
RASM722BKZ	Connector, DC Power Jack, BKZ Locking Series, 2.0mm Surface Mount	DC BARREL JACK		CMP-00008-1	1
1-102387-4	Board Connector, 8 Contact(s), 2 Row(s), Female, 0.1 inch Pitch, Crimp Terminal, Locking, Black Insulator, Receptacle	DOWNSTREAM, UPSTREAM		CMP-00003-1	2
ESP32-S3-WROOM-1-N4	WiFi-Modul 802.11/BT 2, 4-2, 5GHz 150Mb/s	ESP32		CMP-00001-1	1
0154.630DR	Fuses/Accessories	F1		CMP-00007-1	1
26640201RP2	Board Connector	J1, J2, J3, J4		CMP-00005-1	4
Inductor	Inductor	L1		Inductor	1
Light-Emitting Diode	Light-Emitting Diode	LED1, LED2, LED3, LED4		LED	4
LM2575-3.3WUTR	LM2575 Series 3.3 V 1 A 52 KHz High-Efficiency Step-Down Buck Regulator-TO-263-5	LM2575		CMP-00000-1	1
Resistor	Resistor	R1, R4, R5, R6, R7		Resistor	5
Schottky Diode	Schottky Diode	SD1		Schottky Diode	1
5010	Interconnection Device	TP1, TP2	KSTIN-5010_V	CMP-00004-1	2
USB-A-S-RA-TSMT	Conn USB 2.0 Type A F 4 POS Solder RA SMD 4 Terminal 1 Port	USB		CMP-00002-1	1