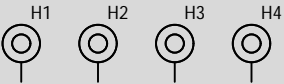


Project : IoT GREENHOUSE MVP#1

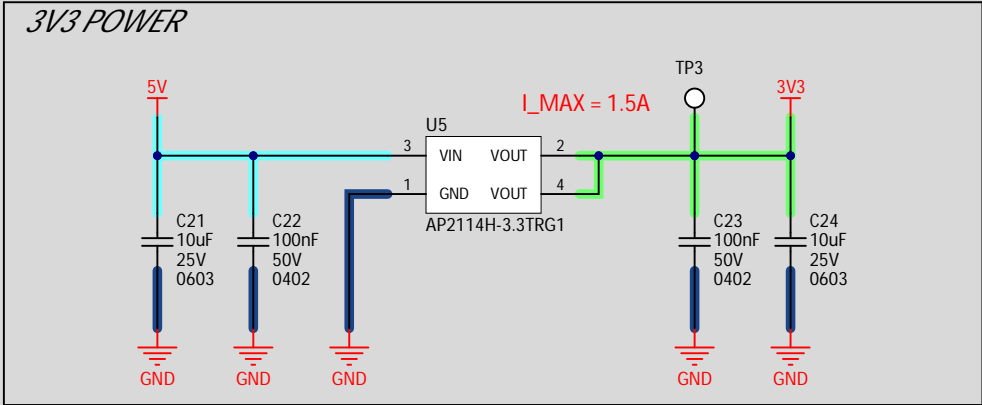
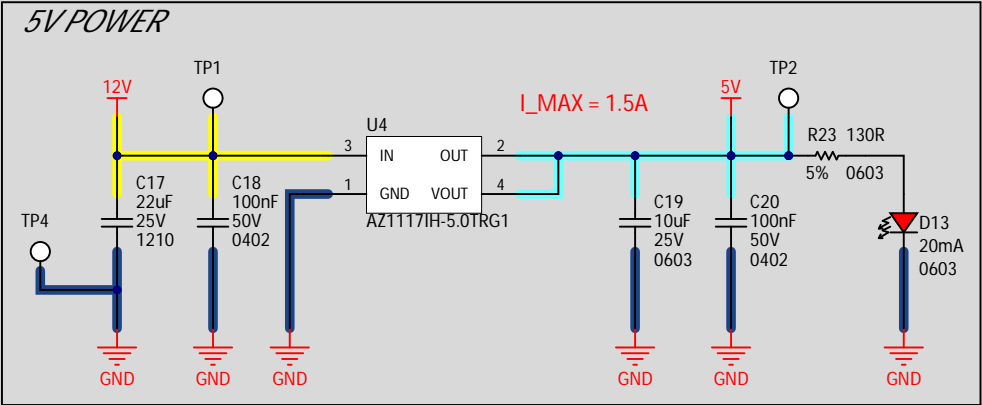
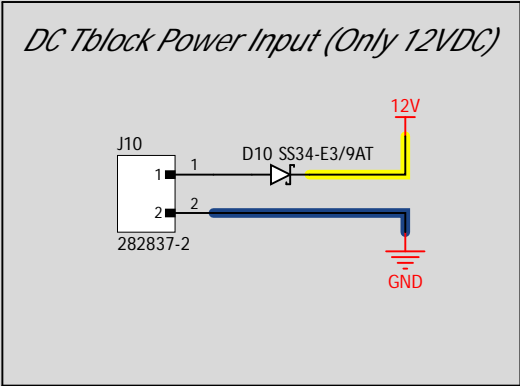
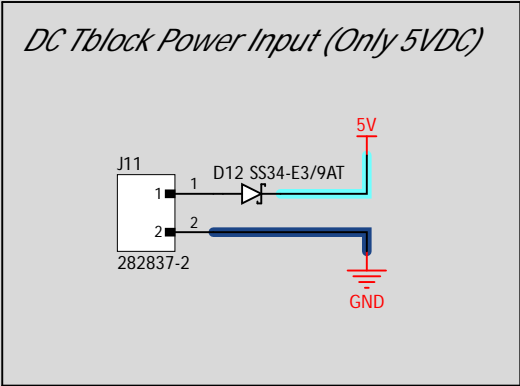
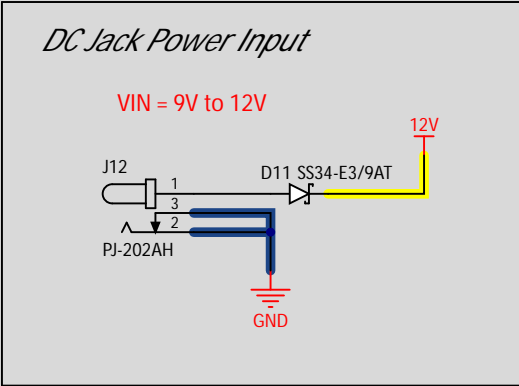
Revision and Version : 1.0 A

Rev History	Description	Date
001	- Starting design	07.18.2024
002		
003		
004		
005		

Mechanicals :



PCB Des : ELIO F.			
Approv By : ELIO F.			
Project Title : IoT_Greenhouse V1.0 A.PrjPcb		Sheet Title : Cover Page	
Date : 8/24/2024		PCB Version : 1.0	Size : A4
Page : 1 5		PCB Revision : A	



PCB Des :	Elio F		
Approv By :			
Project Title :	IoT_Greenhouse V1.0 A.PrjPcb		Sheet Title : Power Input
Date :	8/28/2024	PCB Version :	1.0
Page :	2 5	PCB Revision :	A
			Size : A4

AUTO DOWNLOAD

AUTO DOWNLOAD SETUP

DTR	RTS	EN	IO9
1	1	1	1
0	0	1	1
1	0	0	1
0	1	1	0

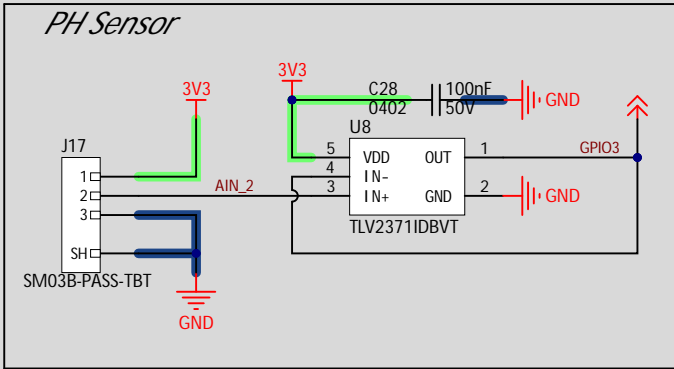
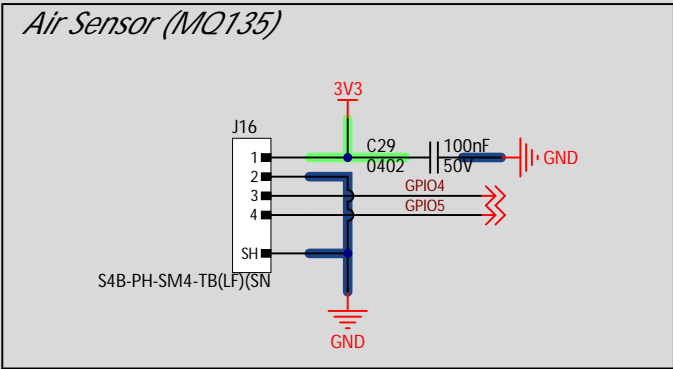
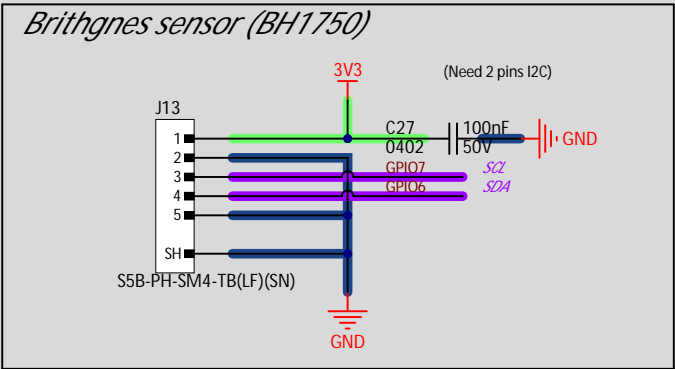
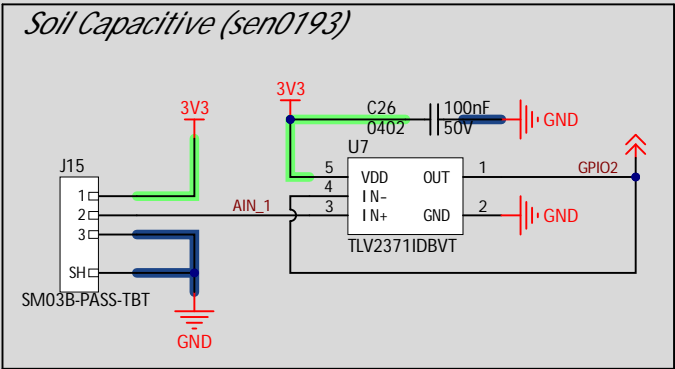
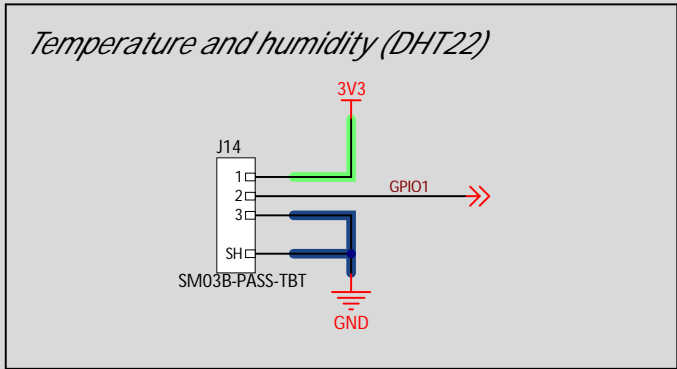
The schematic diagram illustrates the internal circuitry of the ESP32-C3-MINI-1-N4 board. It features two main integrated circuits: U2A (ESP32-C6-WROOM-1-N4) and U2B (ESP32-C6-WROOM-1-N4). The diagram shows the connection of various components, including resistors (R13, R14), capacitors (C4, C5, C6), and connectors (J2, J3). The board is labeled "Access to pinout".

U2A: ESP32-C6-WROOM-1-N4

Pin	Function
3	EN
4	IO4
5	IO5
6	IO6
7	IO7
8	GPIO0
9	GPIO1
10	IO10
11	IO11
12	IO12
13	IO13
14	IO14
15	IO15
16	IO16
17	IO17
18	IO18
19	IO19
20	IO20
21	IO21
22	IO22
23	IO23
24	RXD0
25	TXD0
26	IO26
27	IO27
28	IO28
29	IO29
30	IO30
31	IO31
32	IO32
33	IO33
34	IO34
35	IO35
36	IO36
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177	IO177
178	IO178
179	IO179
180	IO180
181	IO181
182	IO182
183	IO183

BOOT AND RST

PCB Des : Elio F		
Approv By : Elio F		
Project Title : IoT_Greenhouse V1.0 A.PrjPcb		Sheet Title : ESP32-C6
Date : 8/30/2024	PCB Version : 1.0	Size : A3
Page : 3 5	PCB Revision : A	



PCB Des :			
Elio F			
Approv By :			
Elio F			
Project Title :		Sheet Title :	
IoT_Greenhouse V1.0 A.PrjPcb		Inputs	
Date :	8/30/2024	PCB Version :	1.0
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