

1	2	3	4	5	
A					A
B					B
C					C
D					D
1	2	3	4	5	

Panel\_Data\_LevelShifters\_1  
Panel\_Data\_LevelShifters\_1.sch  
  
Panel\_Data\_LevelShifters\_2  
Panel\_Data\_LevelShifters\_2.sch

Power\_Input  
Power\_Input.sch  
POS3P3\_Power\_Supply  
POS3P3\_Power\_Supply.sch  
POS5\_LED\_Power\_Supply  
POS5\_LED\_Power\_Supply.sch  
Microcontroller  
Microcontroller.sch  
Microcontroller\_Programming  
Microcontroller\_Programming.sch  
  
Wi-Fi\_Module  
Wi-Fi\_Module.sch  
  
USB\_UART\_Isolation  
USB\_UART\_Isolation.sch  
USB\_UART\_Bridge  
USB\_UART\_Bridge.sch  
  
  
Panel\_Data\_Connectors  
Panel\_Data\_Connectors.sch  
Panel\_Power\_Connectors  
Panel\_Power\_Connectors.sch  
External\_RAM  
External\_RAM.sch  
External\_Flash  
External\_Flash.sch

Sheet: / File: LED_Display_Controller.sch		
Title:		
Size: A	Date:	Rev:
KiCad E.D.A. kicad (5.0.0)		Id: 1/15

1					2					3					4					5					
A																									A
B																									B
C																									C
D																									D
1					2					3					4					5					

Sheet: /Power\_Input/  
File: Power\_Input.sch

Title:

Size: A

Date:

Rev:

KiCad E.D.A.    kicad (5.0.0)

Id: 2/15

Sheet: /Power_Input/ File: Power_Input.sch																								
Title:																								
Size: A					Date:															Rev:				
KiCad E.D.A. kicad (5.0.0)					Id: 2/15																			

1					2					3					4					5					
A																									A
B																									B
C																									C
D																									D
1					2					3					4					5					

Sheet: /POS3P3\_Power\_Supply/  
File: POS3P3\_Power\_Supply.sch

Title:

Size: ADate:KICad E.D.A. kicad (5.0.0)

Rev:Id: 3/15

Sheet: /POS3P3_Power_Supply/ File: POS3P3_Power_Supply.sch																								
Title:																								
Size: A					Date:															Rev:				
KiCad E.D.A.   kicad (5.0.0)					Id: 3/15																			

1					2					3					4					5					
A																									A
B																									B
C																									C
D																									D
1					2					3					4					5					

Sheet: /POS5\_LED\_Power\_Supply/  
File: POS5\_LED\_Power\_Supply.sch

Title:

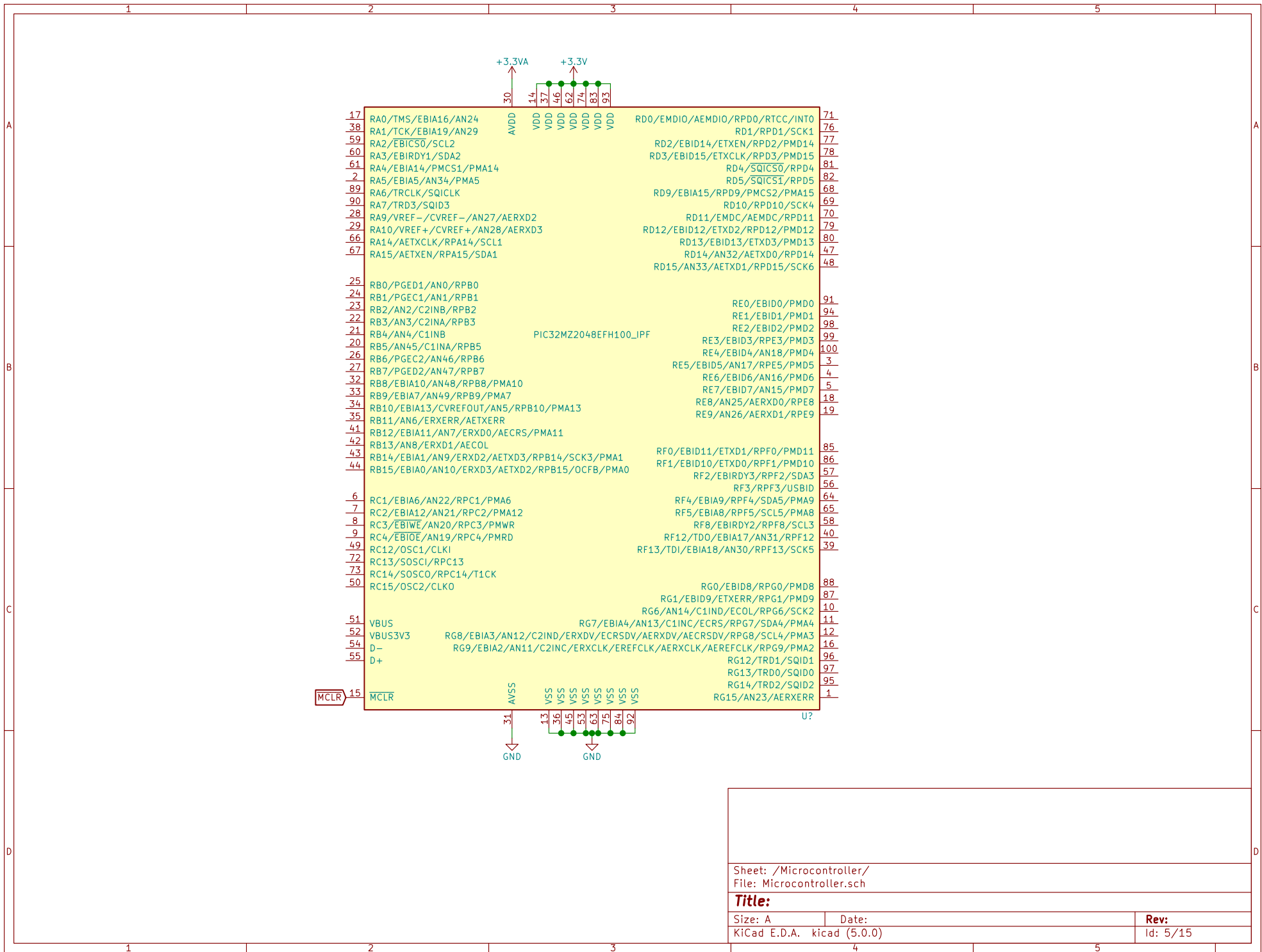
Size: ADate:KICad E.D.A. kicad (5.0.0)

Rev:Id: 4/15

Sheet: /POS5\_LED\_Power\_Supply/  
File: POS5\_LED\_Power\_Supply.sch

Title:

Size: A	Date:	Rev:
KiCad E.D.A.   kicad (5.0.0)		Id: 4/15

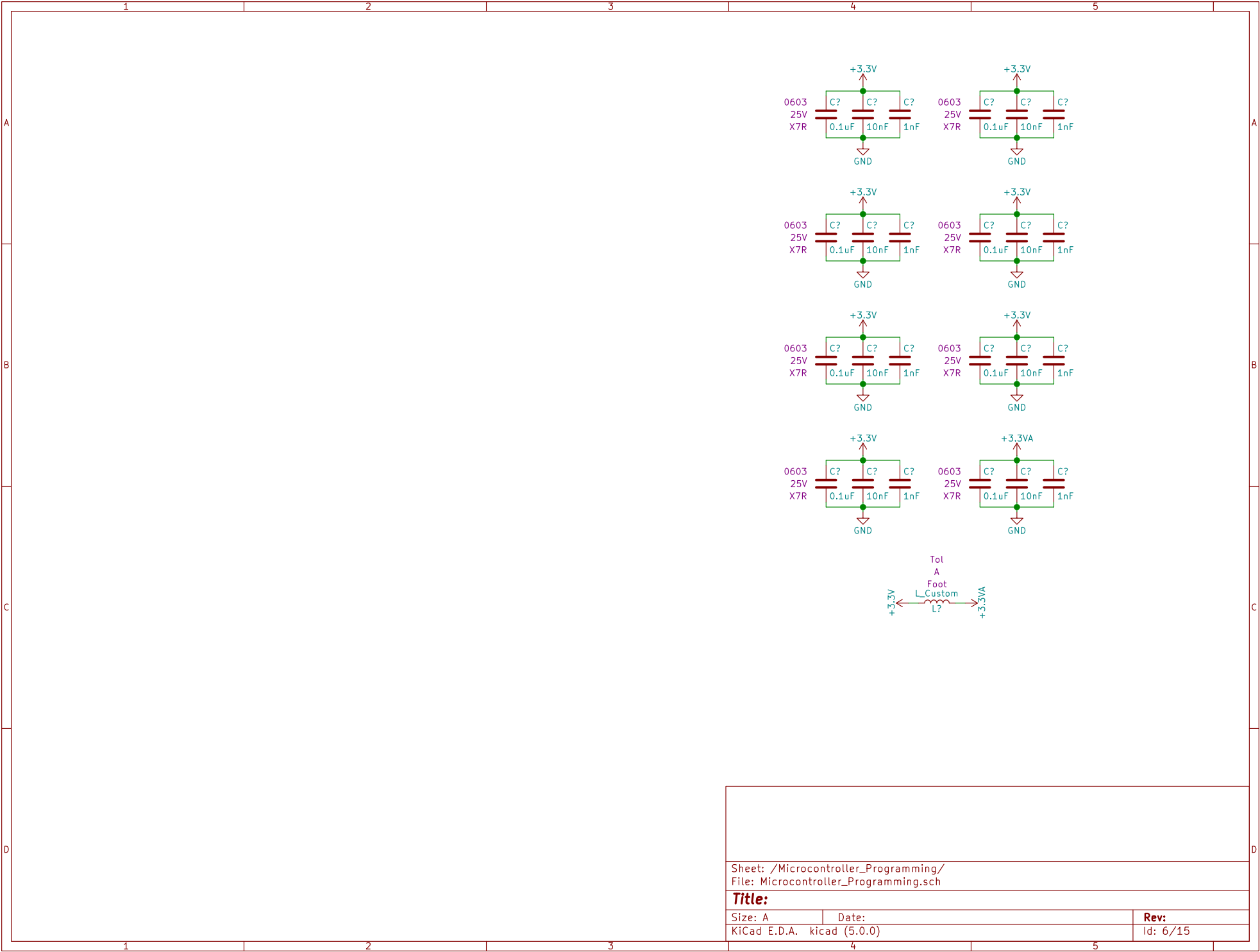


Sheet: /Microcontroller/  
File: Microcontroller.sch

**Title:**

Size: A Date:  
KiCad E.D.A. kicad (5.0.0)

**Rev:**  
Id: 5/15



1					2					3					4					5					
A																									A
B																									B
C																									C
D																									D
1					2					3					4					5					

Sheet: /Wi\_Fi\_Module/  
File: Wi\_Fi\_Module.sch

Title:

Size: A

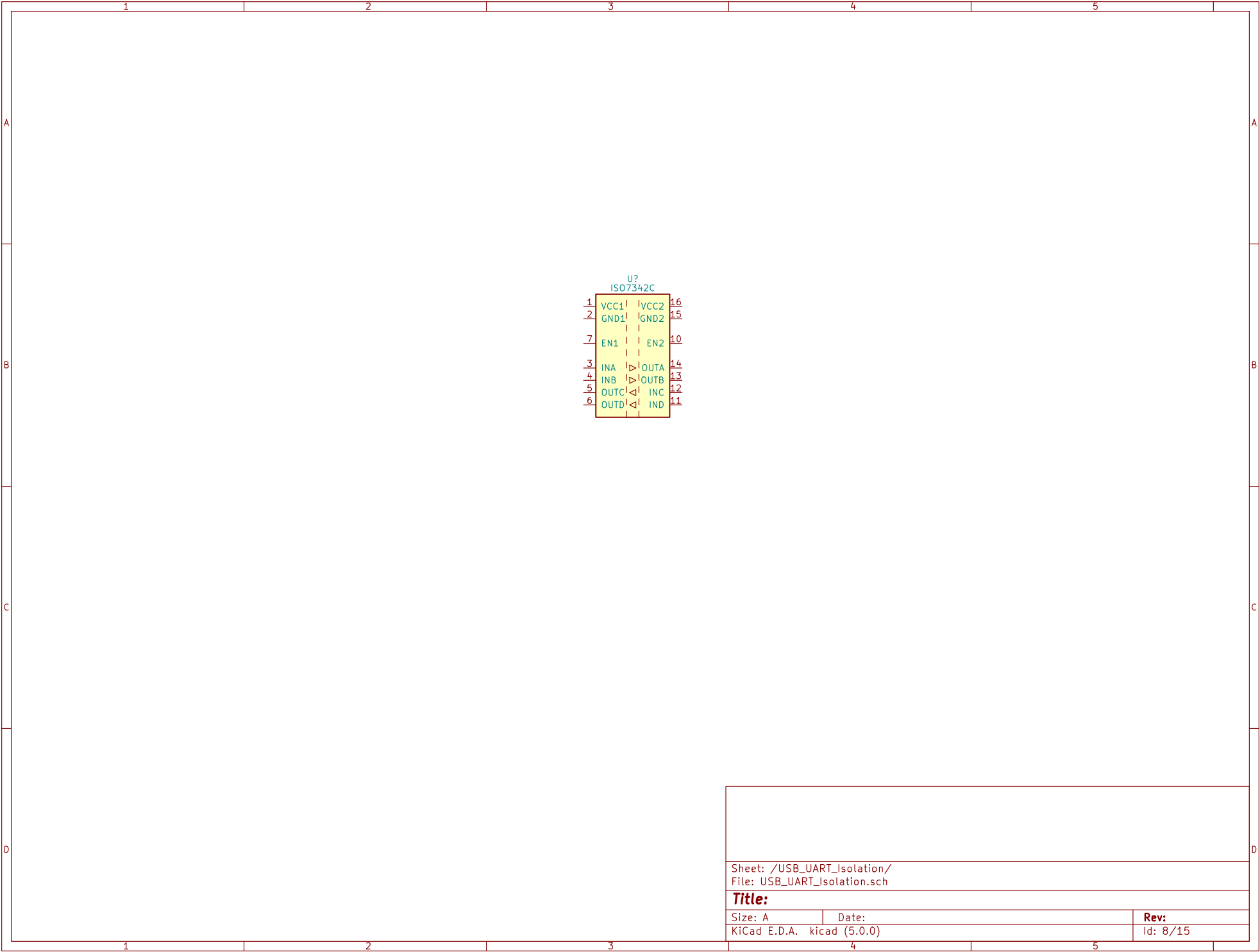
Date:

KiCad E.D.A.    kicad (5.0.0)

Rev:

Id: 7/15

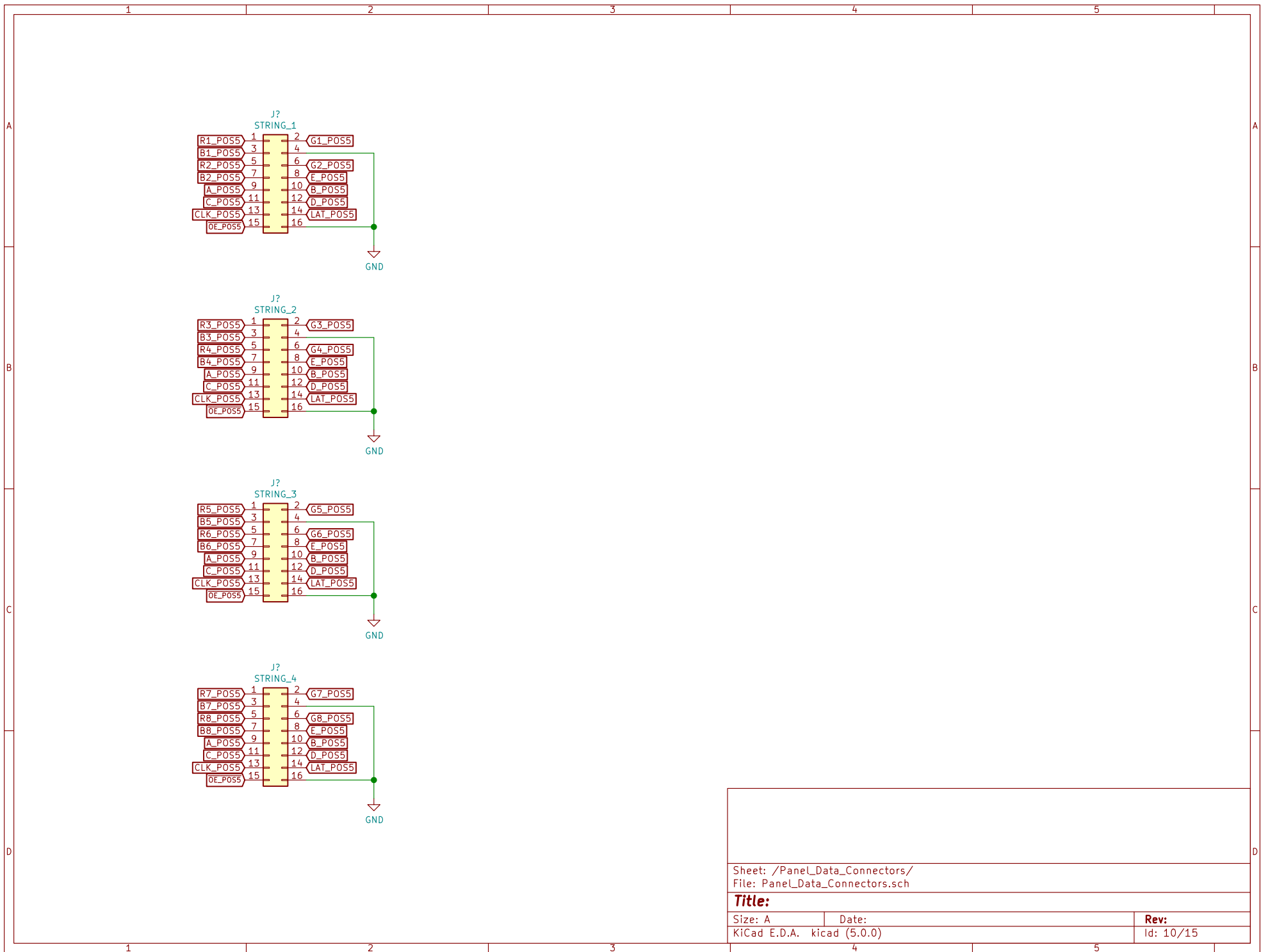
Sheet: /Wi_Fi_Module/ File: Wi_Fi_Module.sch																								
Title:																								
Size: A					Date:															Rev:				
KiCad E.D.A. kicad (5.0.0)																				Id: 7/15				



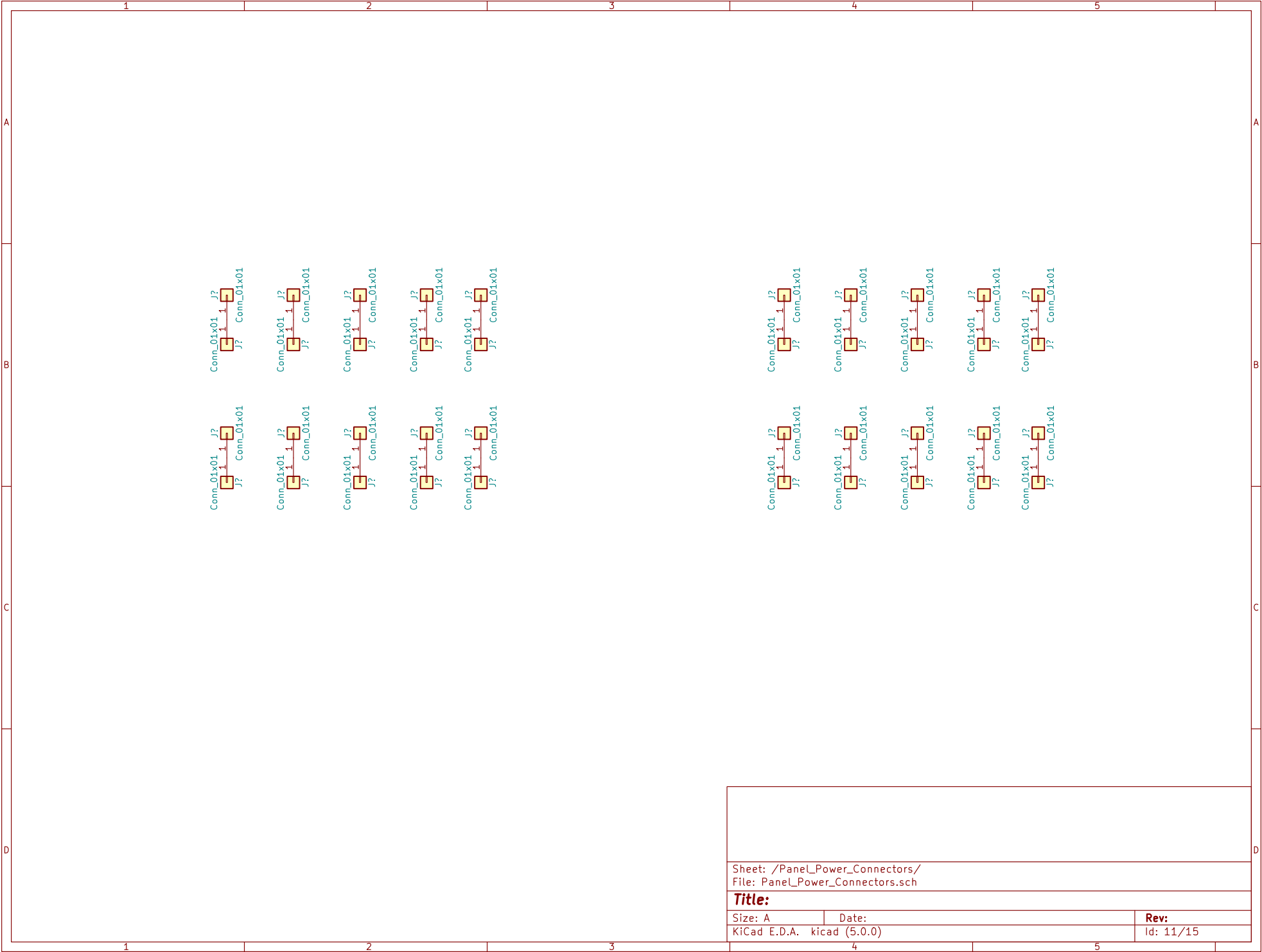
Sheet: /USB_UART_Isolation/ File: USB_UART_Isolation.sch		
Title:		
Size: A	Date:	Rev:
KiCad E.D.A. kicad (5.0.0)		Id: 8/15



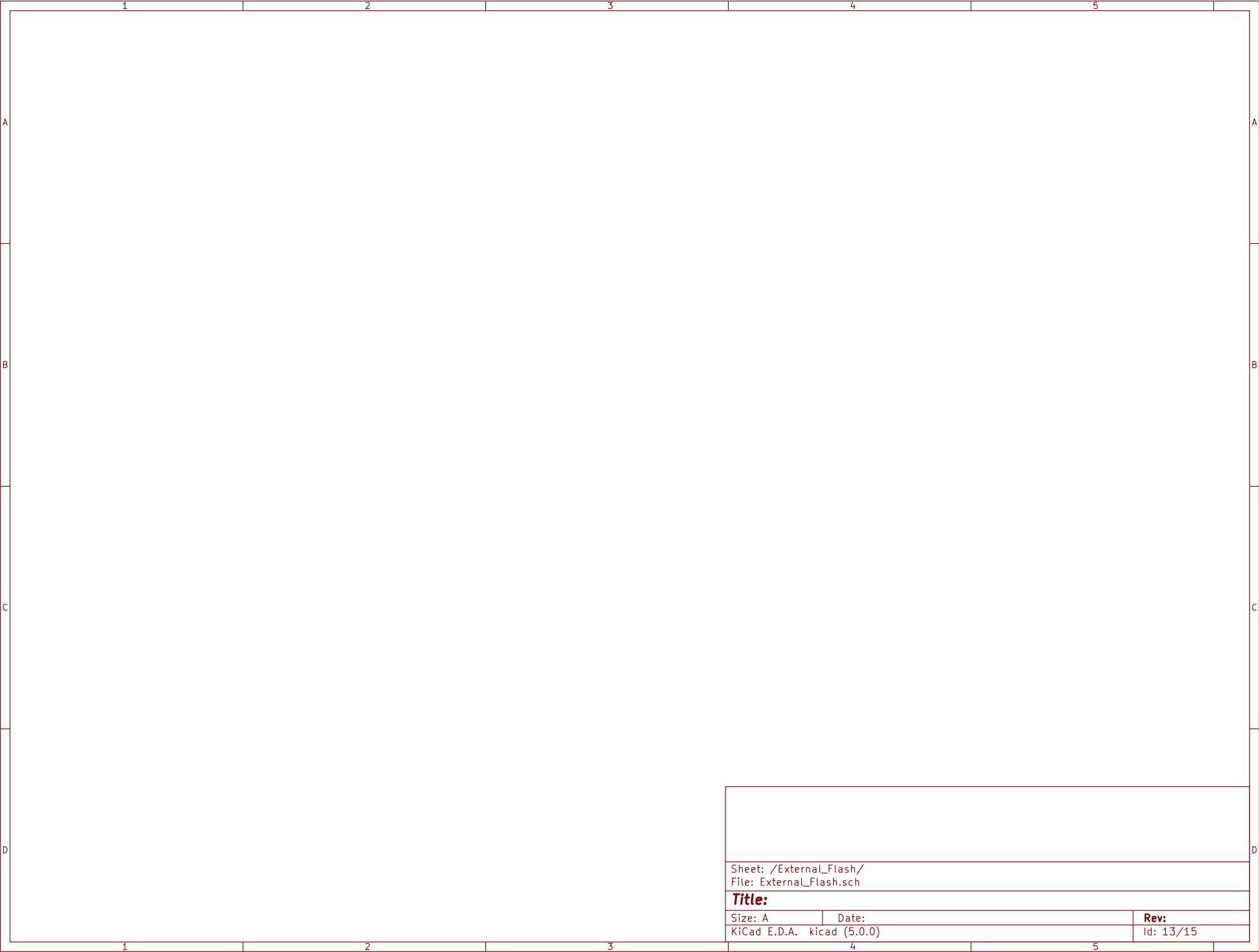
[illegible]

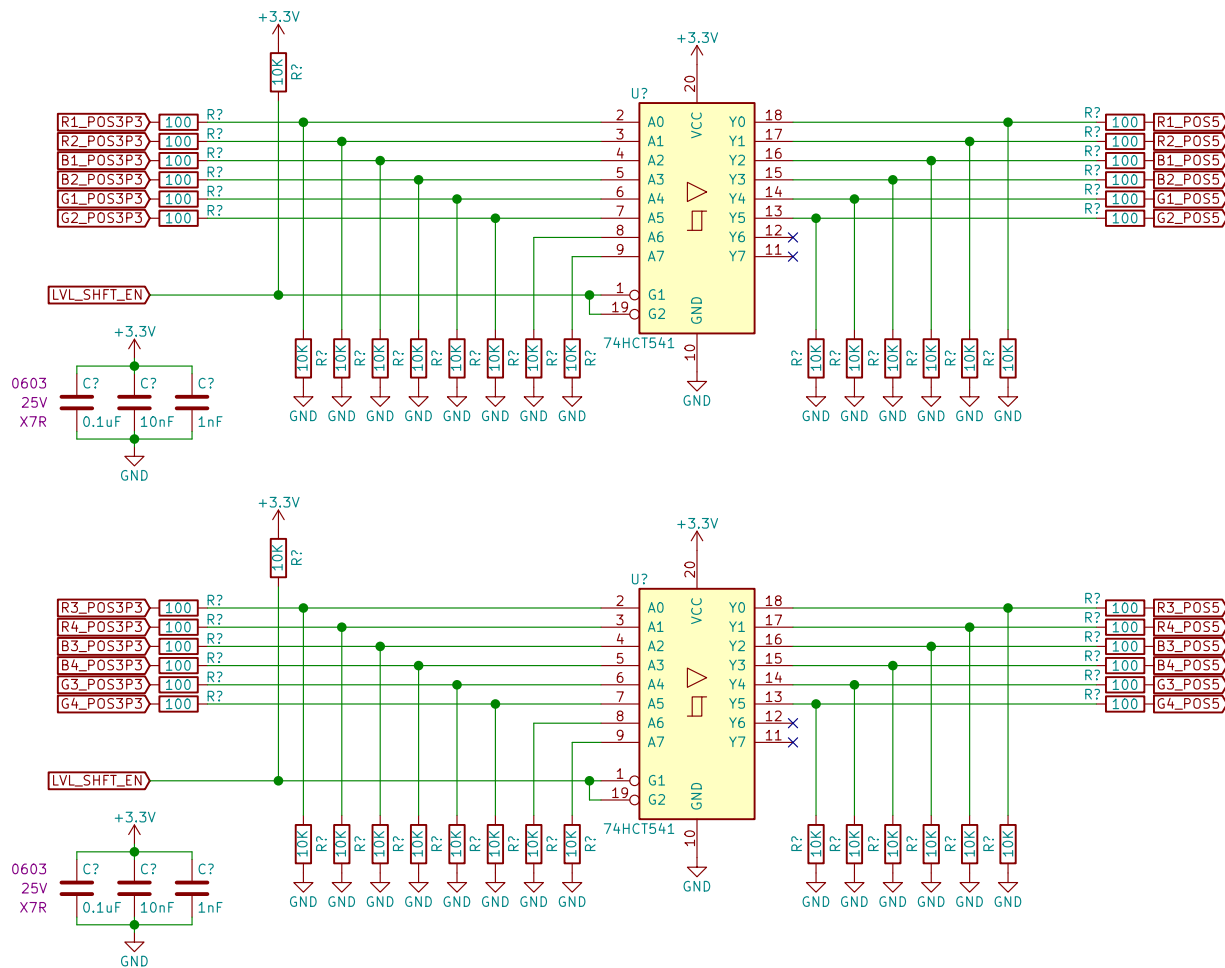


Sheet: /Panel_Data_Connectors/ File: Panel_Data_Connectors.sch		
<b>Title:</b>		
Size: A	Date:	Rev:
KiCad E.D.A. kicad (5.0.0)		Id: 10/15









Sheet: /PanelData\_LevelShifters\_1/  
File: PanelData\_LevelShifters\_1.sch

# **Title:**

Size: A  
KiCad E.D.A. kicad (5.0.0)

Date:

Rev:  
Id: 14/15

