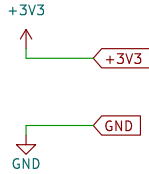
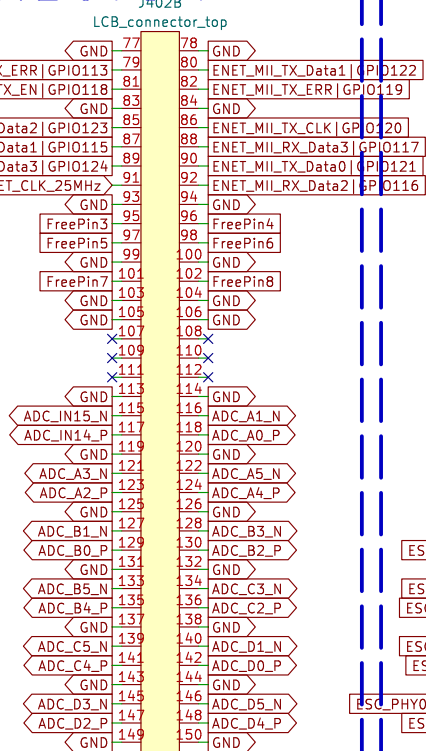
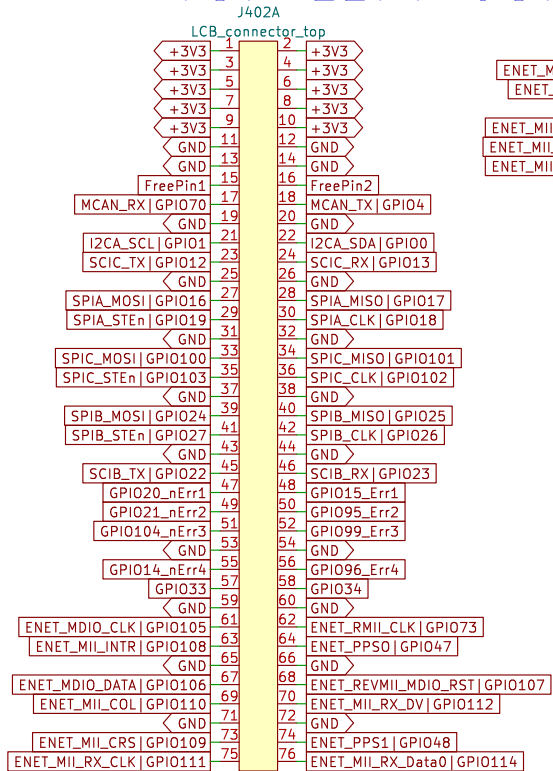




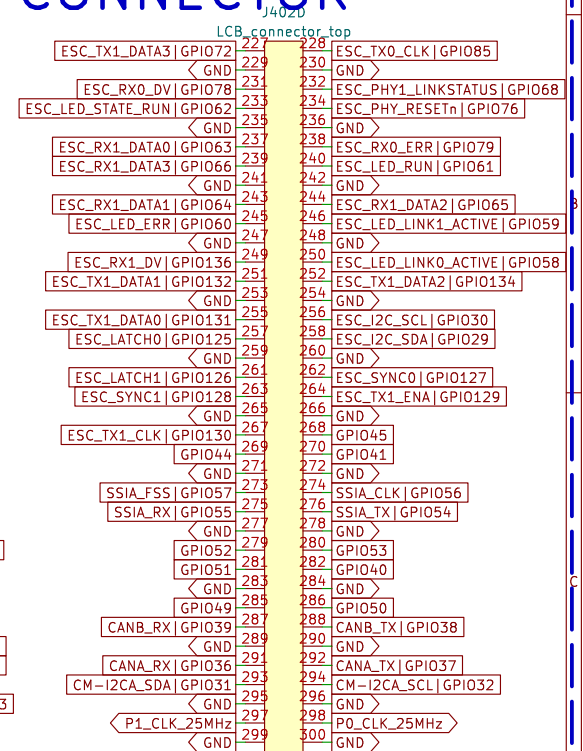
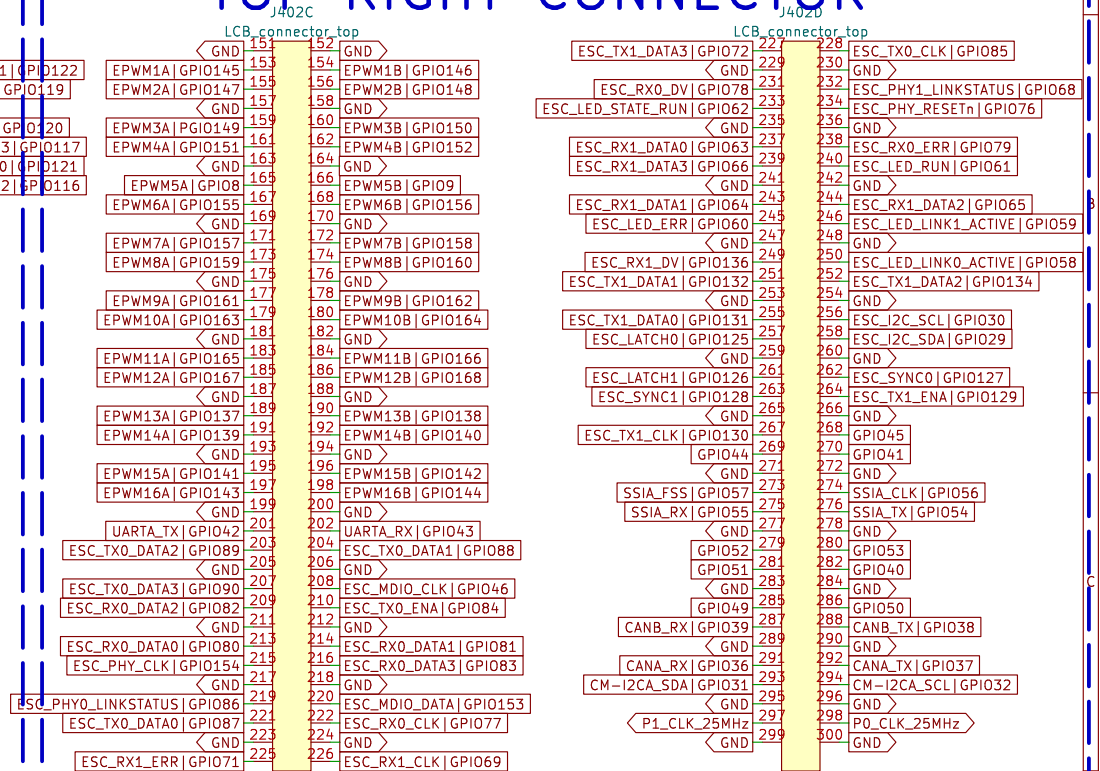
## Supply for shield boards



## TOP LEFT CONNECTOR



## TOP RIGHT CONNECTOR



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Sheet: /Connector\_Control\_Board/  
File: Connector\_Control\_Board.kicad\_sch

Title: LCB—CBD—01: Dock

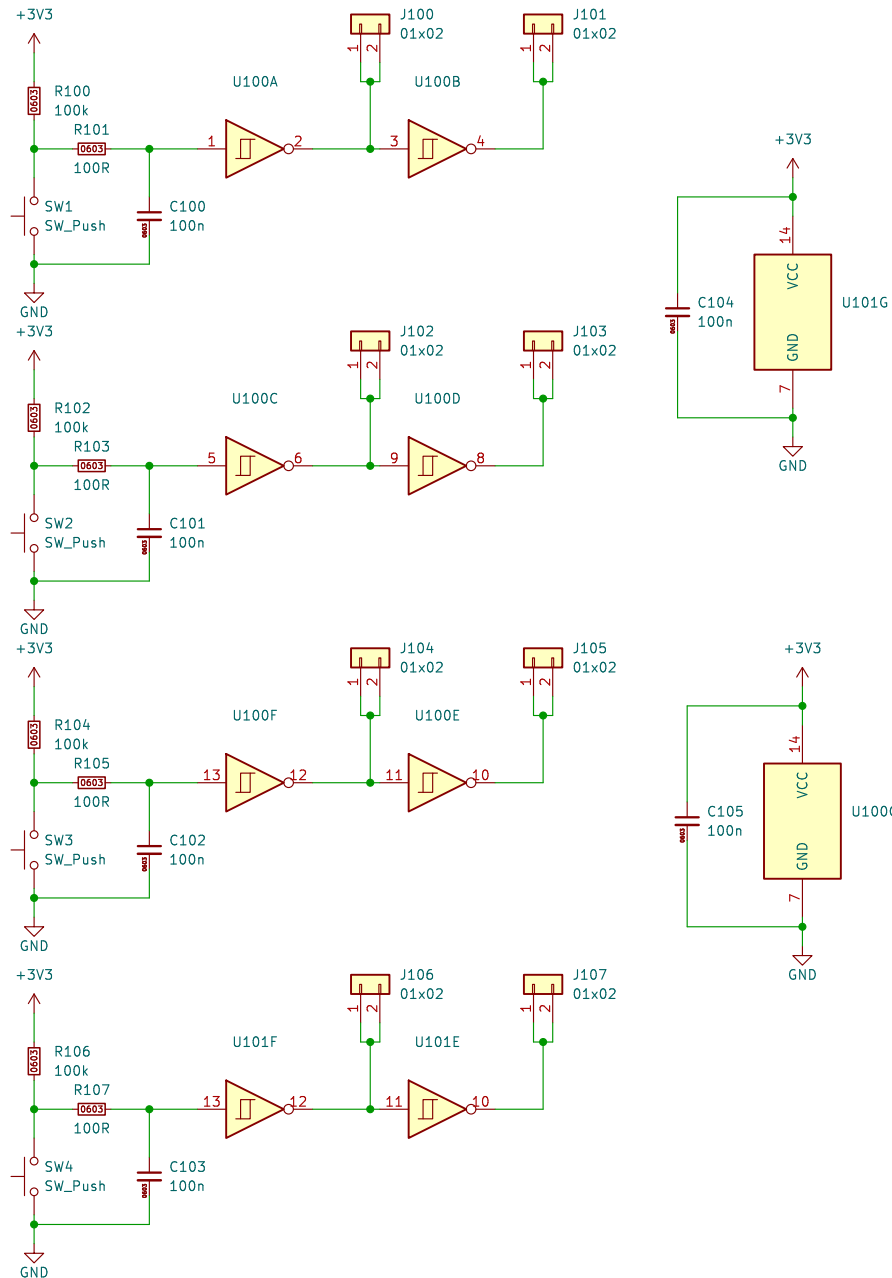
Size: A4 Date: 2023—04—13

KiCad E.D.A. kicad 7.0.1

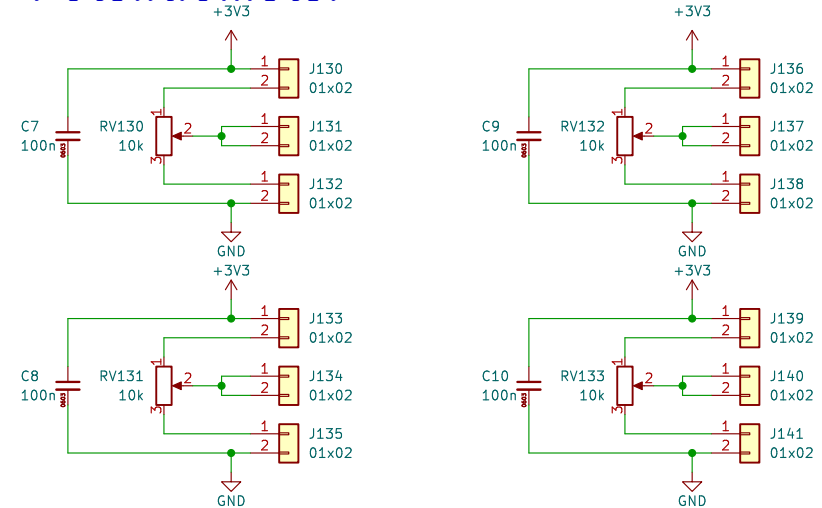
Rev: 1.1.0

Id: 2/6

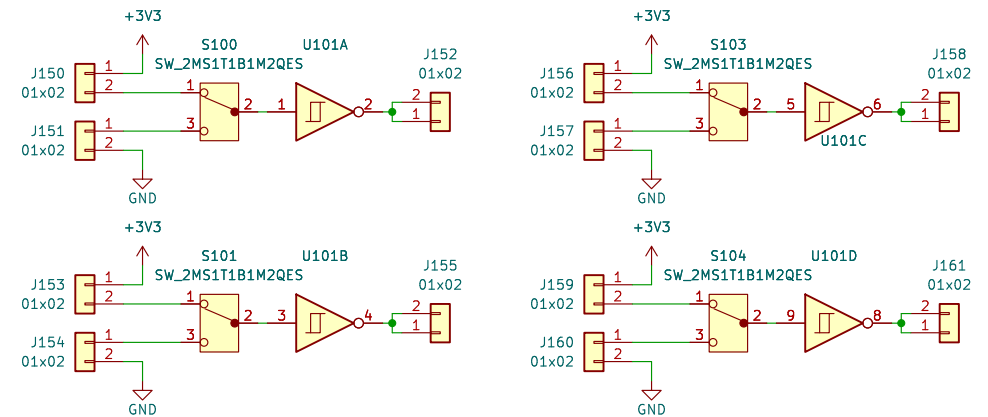
## Buttons



## Potentiometer



## Switches



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Sheet: /IO/

File: IO.kicad\_sch

**Title: LCB-CBD-01: Dock**

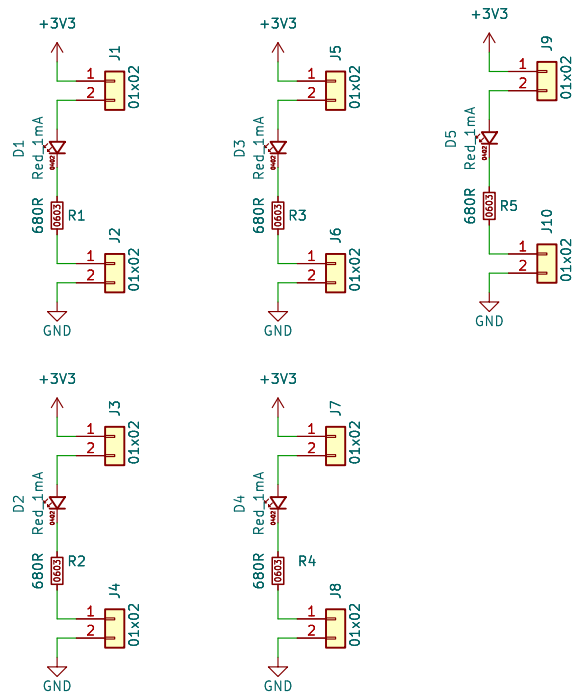
Size: A4 Date: 2023-04-13

KiCad E.D.A. kicad 7.0.1

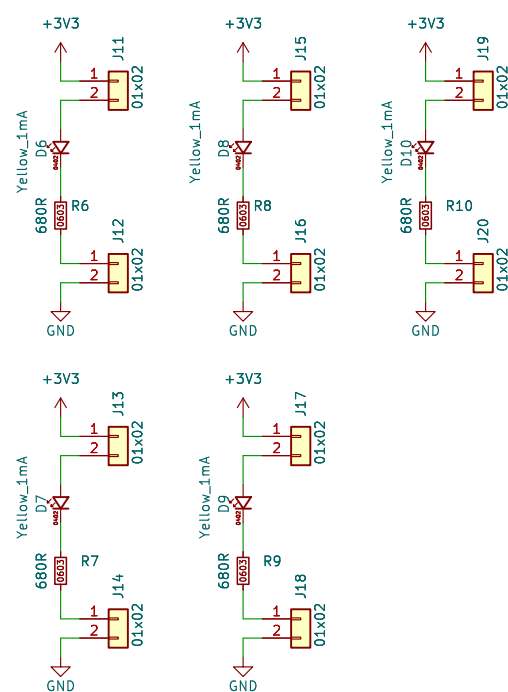
**Rev: 1.1.0**

Id: 3/6

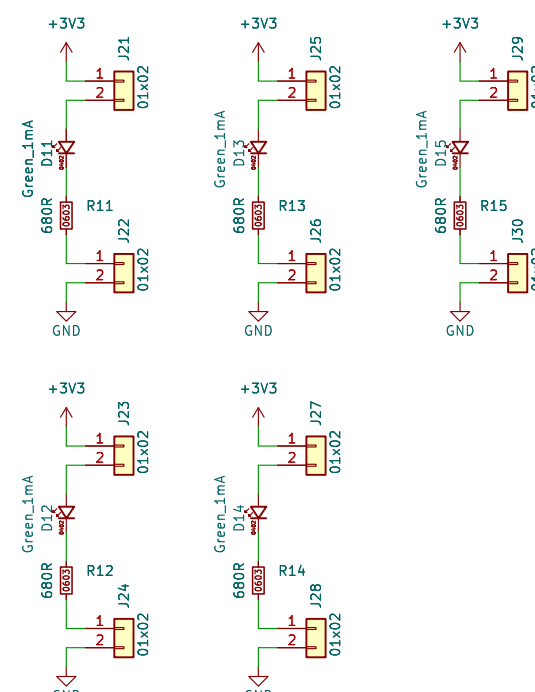
## Status LEDs Red



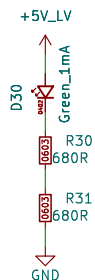
## Status LEDs Yellow



## Status LEDs Green



## Power LED 5V



## Power LED 3V3



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Sheet: /Switch\_Button\_LED/  
File: Switch\_Button\_LED.kicad\_sch

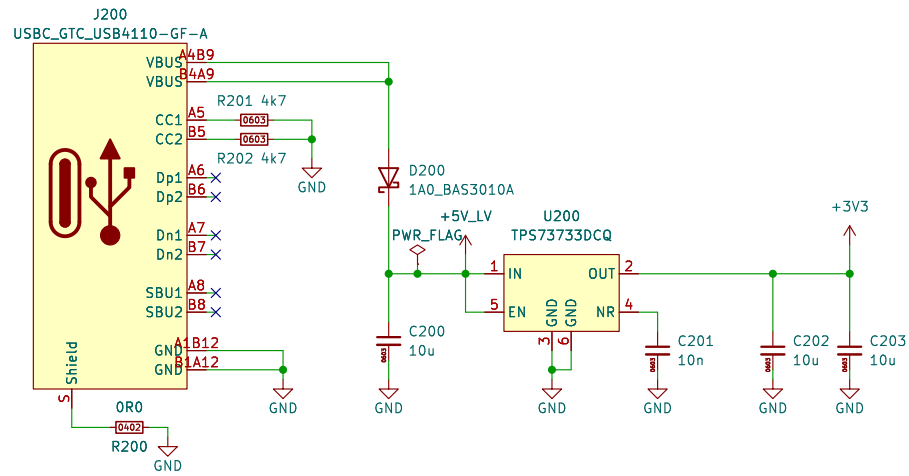
**Title: LCB-CBD-01: Dock**

Size: A4 Date: 2023-04-13

KiCad E.D.A. kicad 7.0.1

**Rev: 1.1.0**

Id: 4/6



PADERBORN UNIVERSITY DEPARTMENT OF POWER ELECTRONICS AND ELECTRICAL DRIVES

Sheet: /Power\_Supply/  
File: Power\_Supply.kicad\_sch

**Title: LCB-CBD-01: Dock**

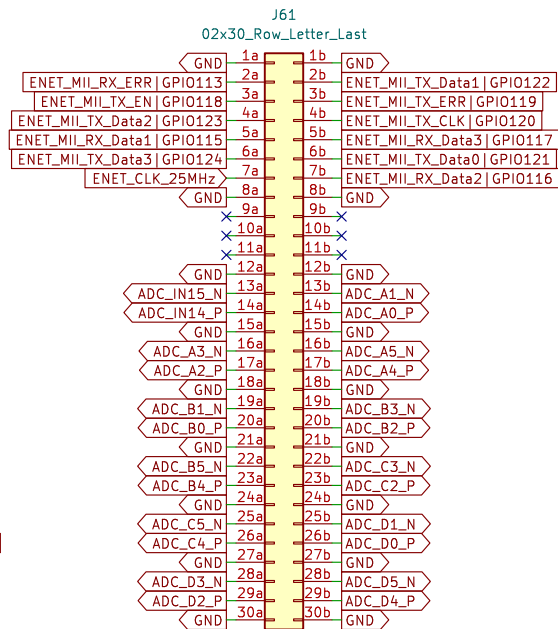
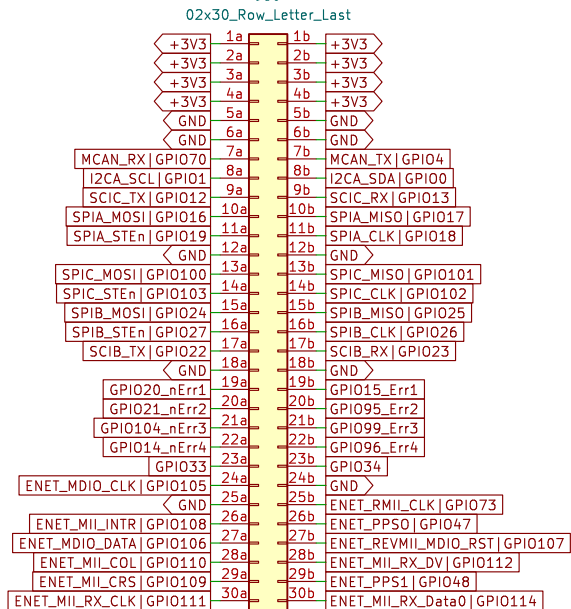
Size: A4 Date: 2023-04-13

KiCad E.D.A. kicad 7.0.1

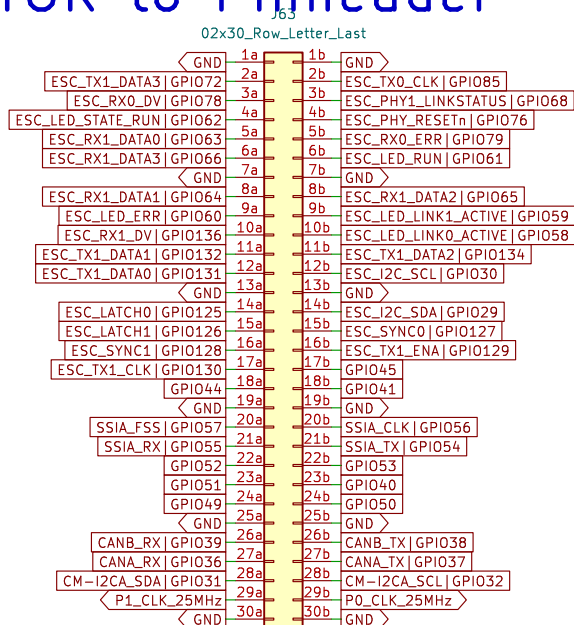
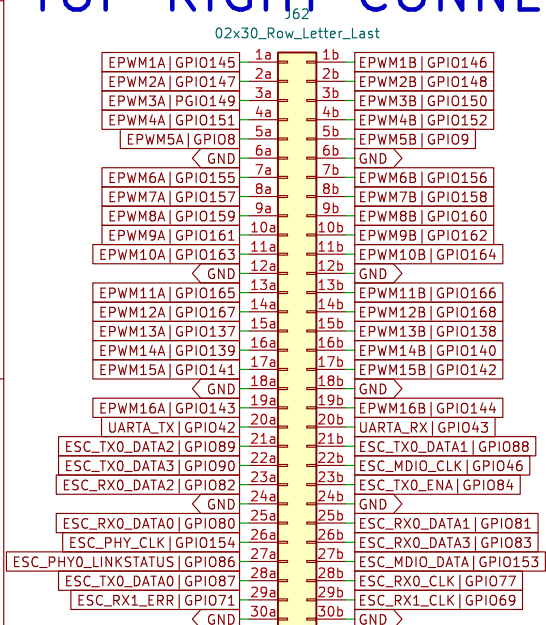
Rev: 1.1.0

Id: 5/6

# TOP LEFT CONNECTOR to Pinheader



# TOP RIGHT CONNECTOR to Pinheader



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Sheet: /Pinheaders/

File: Pinheaders.kicad\_sch

**Title: LCB-CBD-01: Dock**

Size: A4 Date: 2023-04-13

KiCad E.D.A. kicad 7.0.1

Rev: 1.1.0

Id: 6/6