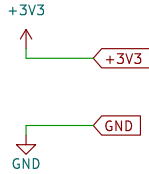
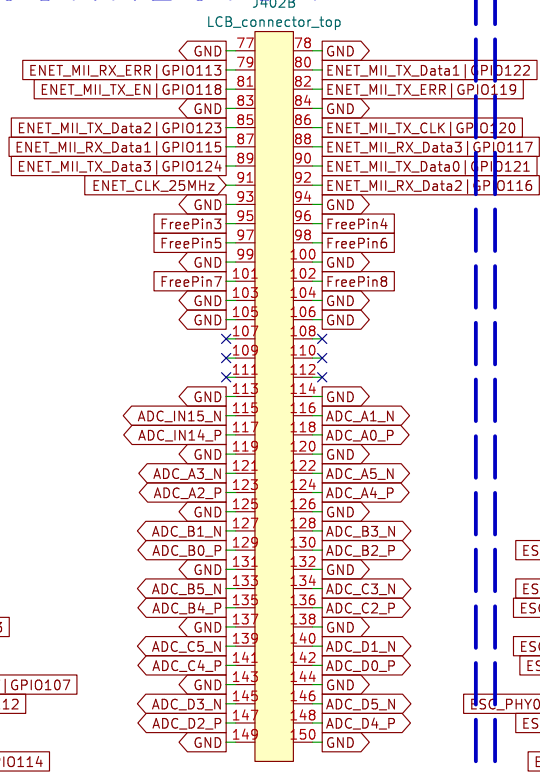
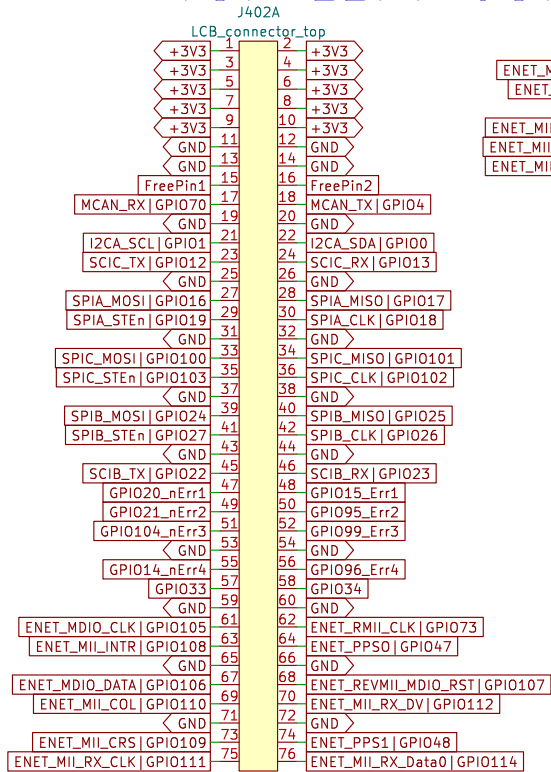


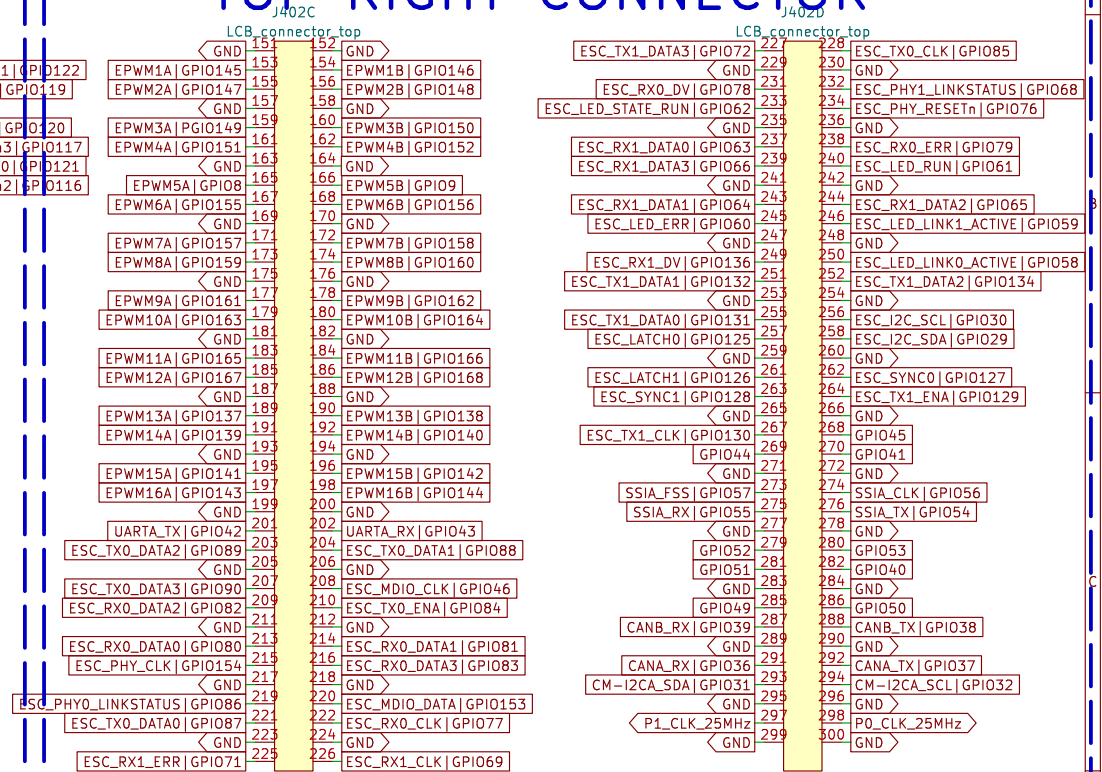
Supply for shield boards



TOP LEFT CONNECTOR



TOP RIGHT CONNECTOR



PADERBORN UNIVERSITY DEPARTMENT OF POWER ELECTRONICS AND ELECTRICAL DRIVES

Sheet: /Connector_Control_Board/
File: Connector_Control_Board.kicad_sch

Title: LCB-CBD-01: Dock

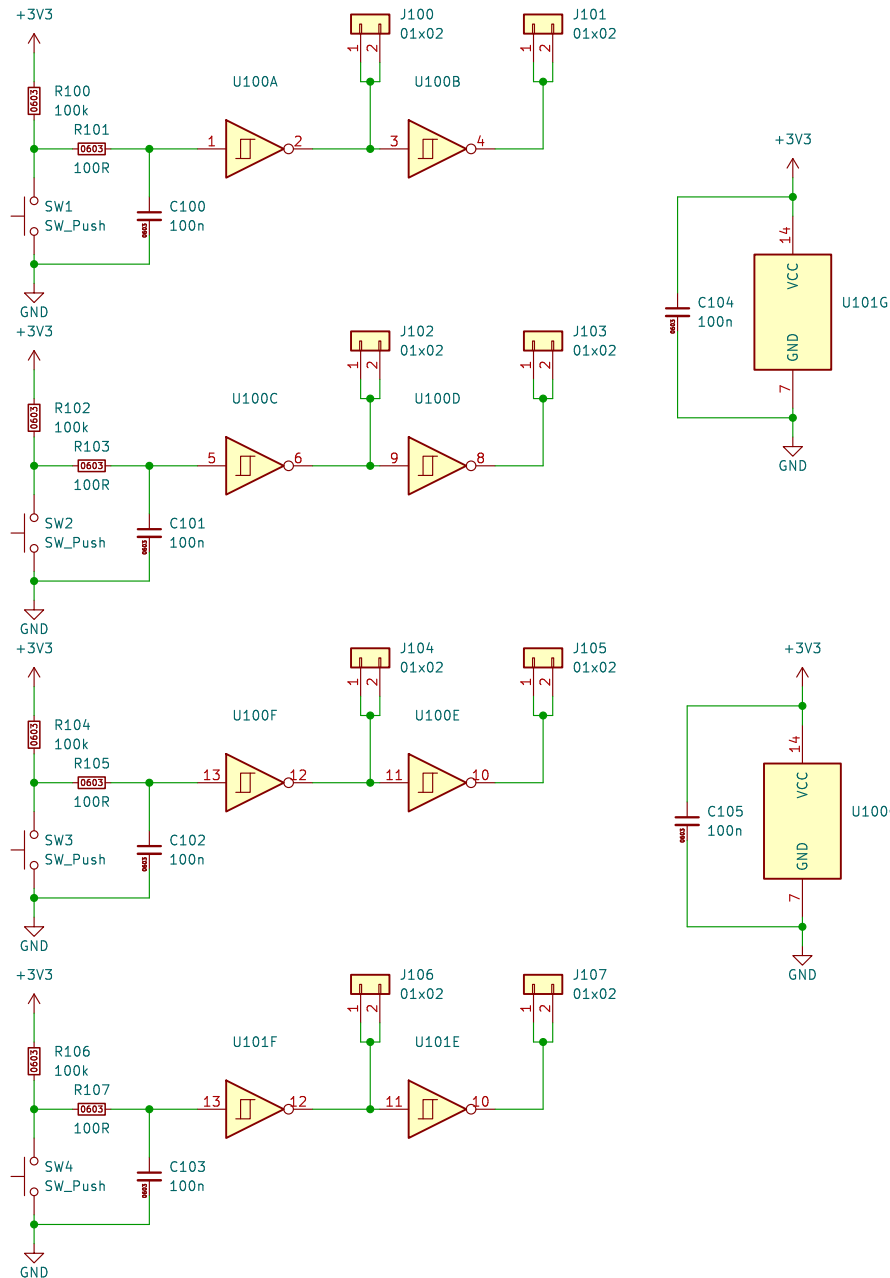
Size: A4 Date: 2023-04-13

KiCad E.D.A. kicad 7.0.1

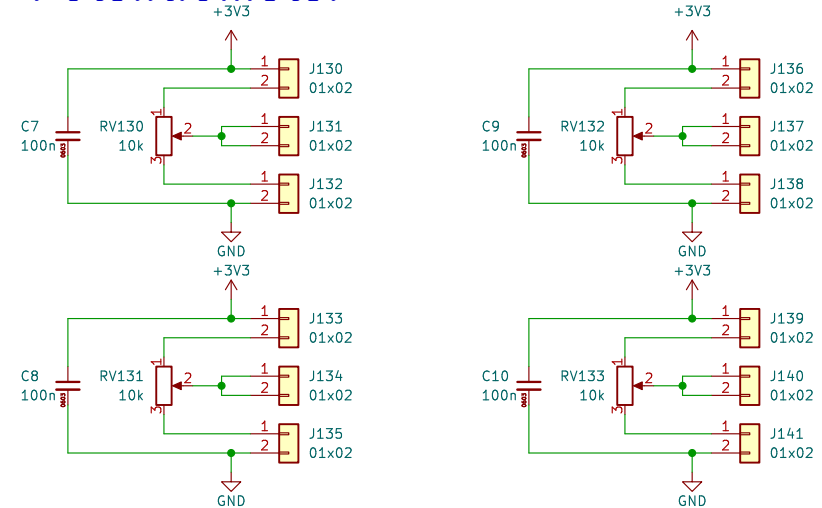
Rev: 1.1.0

Id: 2/6

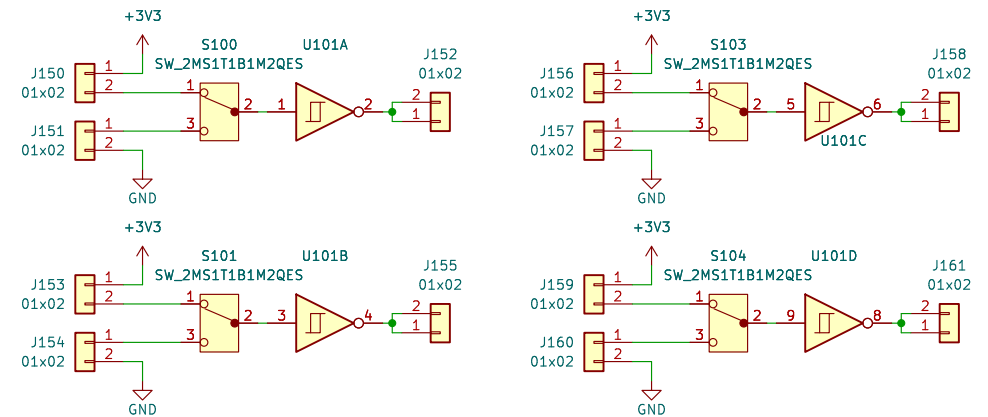
Buttons



Potentiometer



Switches



PADERBORN UNIVERSITY DEPARTMENT OF POWER ELECTRONICS AND ELECTRICAL DRIVES

Sheet: /IO/
File: IO.kicad_sch

Title: LCB-CBD-01: Dock

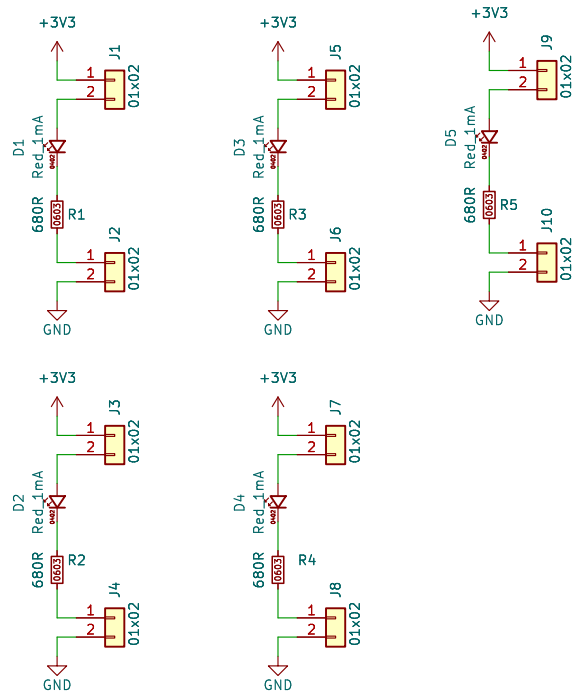
Size: A4 Date: 2023-04-13

KiCad E.D.A. kicad 7.0.1

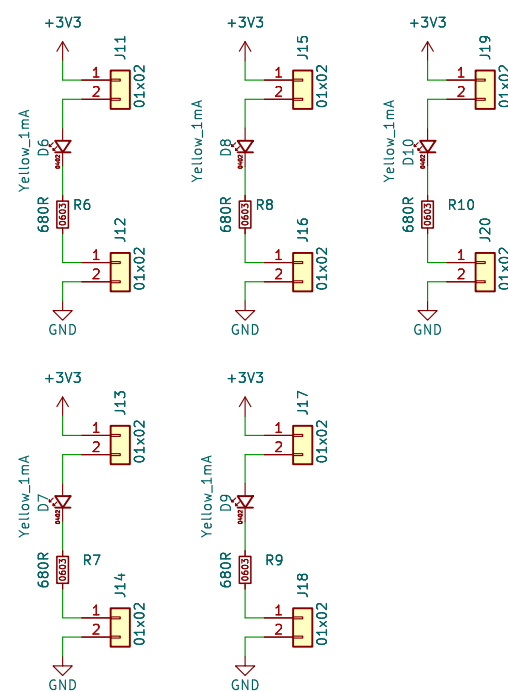
Rev: 1.1.0

Id: 3/6

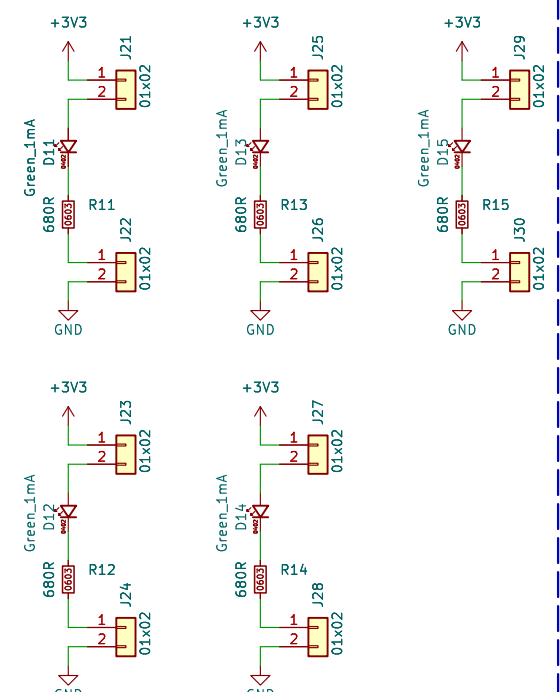
Status LEDs Red



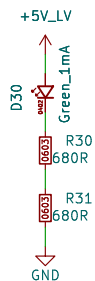
Status LEDs Yellow



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

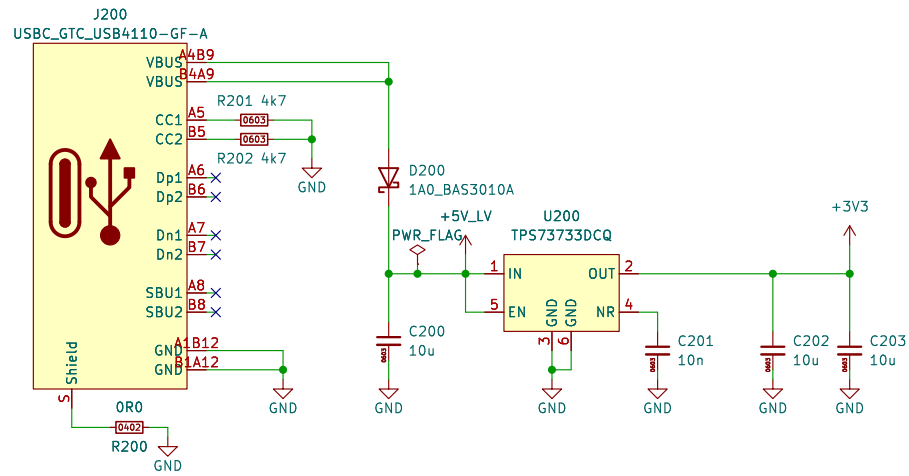
Size: A4

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

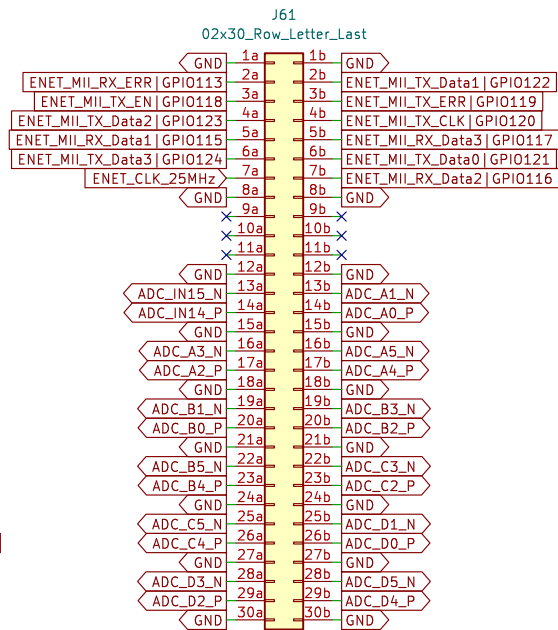
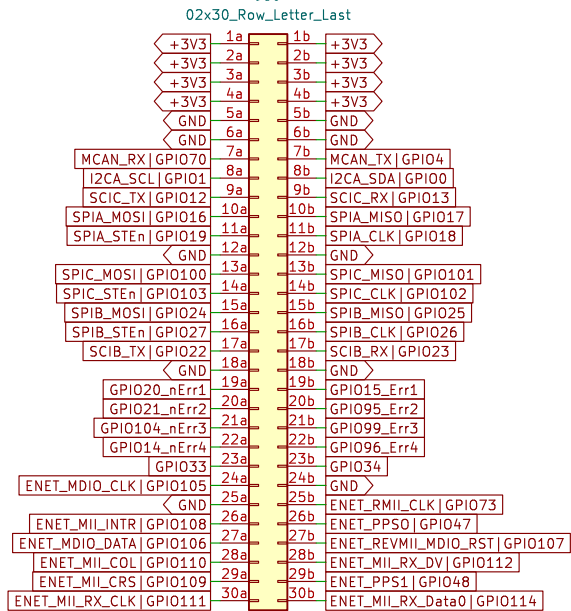
Size: A4 Date: 2023-04-13

KiCad E.D.A. kicad 7.0.1

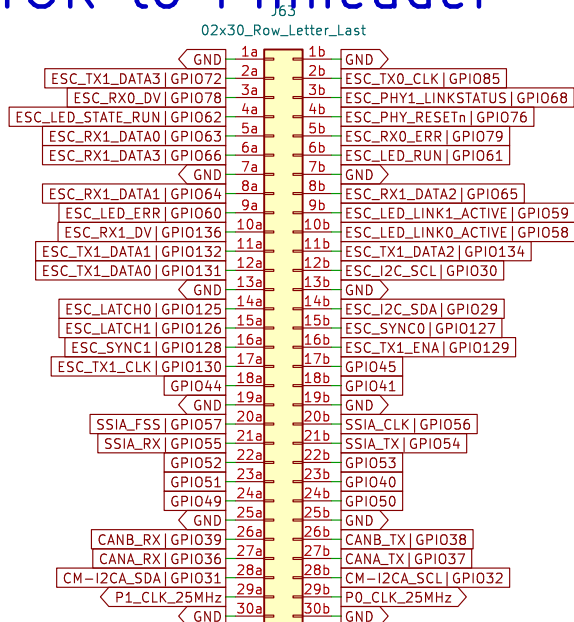
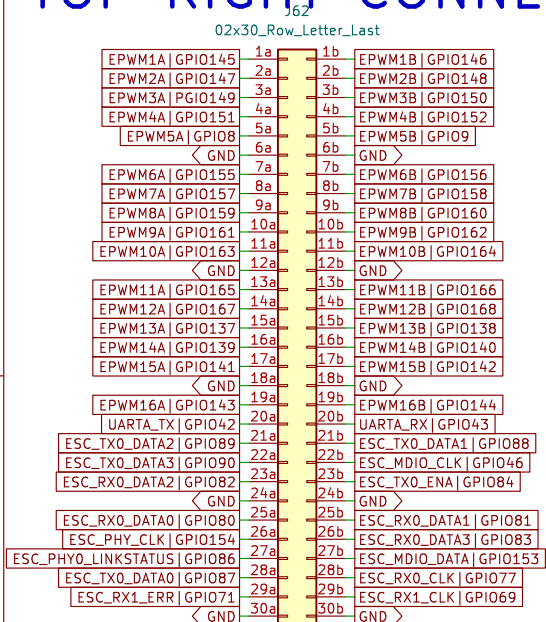
Rev: 1.1.0

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