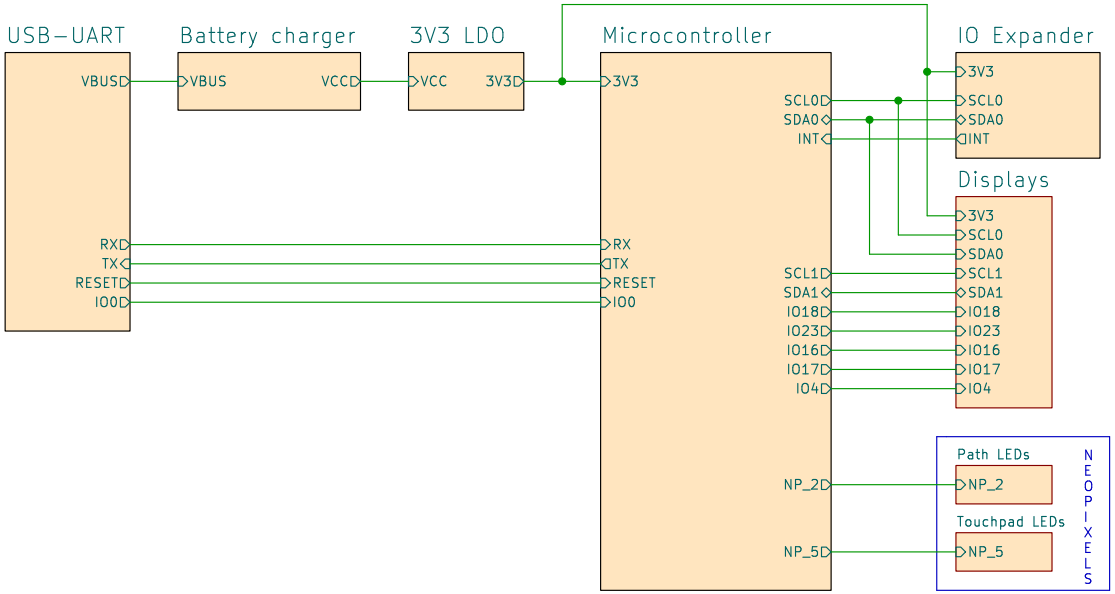

Mechanical

TO–DO:
– provjeriti jel sve električki točno spojeno (isprintati i proći kroz sve)
– Fixati 3D Modele koji nedostaju na footprintima
– Assembly svega + nova gornja površina tematski ukrašena
– TME BOM sastaviti
– pored ovoga, na izradu poslati još i CNLJS (ploča + kockica + TP)

Layout:
– bolje razmjestiti rupe da ne zijeva kučište

Sheet: /
File: BoardGame.kicad_sch

Title: BoardGame

Size: A4	Date: 2022–09–21	**Rev: 1**
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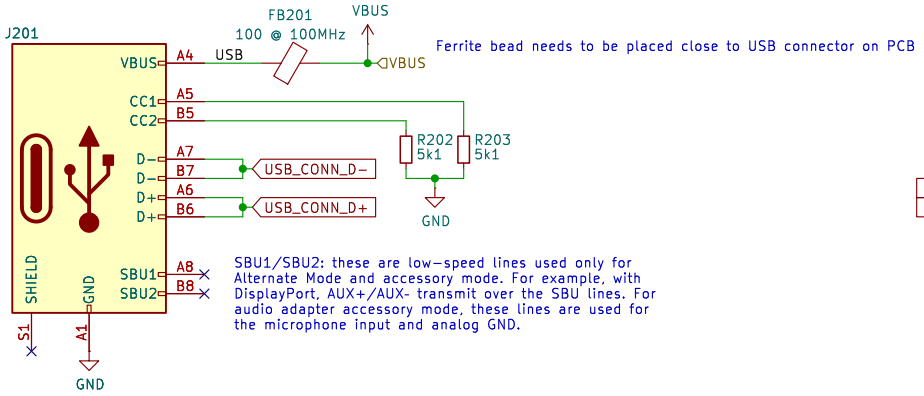
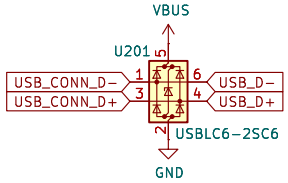
The device must have 5.1k pull-down on the its port CC pin (on both pins).

Once the C-C cable is connected between two link partners, the DFP (host)
will sense the drag by 5.1k resistor (from device side). As result, it will turn the VBUS on.
This is how a host recognizes that a connection has been made.
The connect event is essentially controlled by sink side having 5.1k Rd.

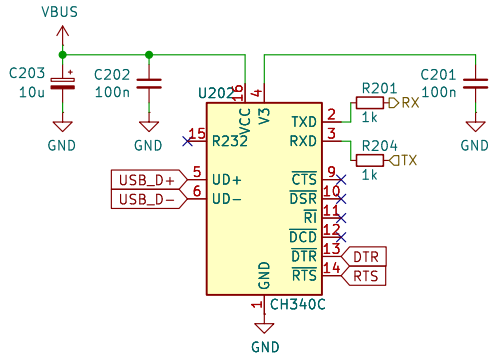


Shield is grounded at the host side (PC) so NC here.

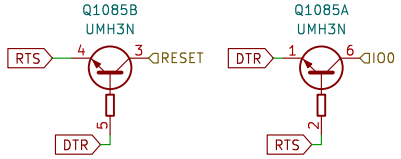


ESD protection IC

CH340C USB-UART IC



ESP32 AUTORESET CIRCUIT



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Size: A4	Date: 2022-09-21	**Rev: 1**
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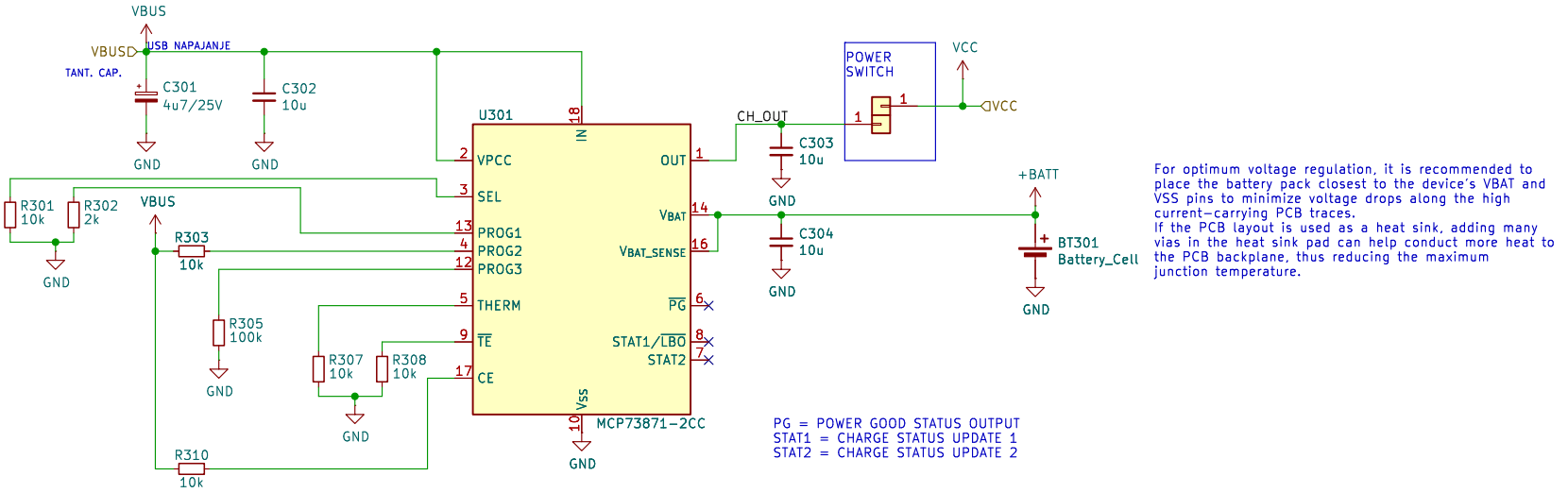
MCP73871



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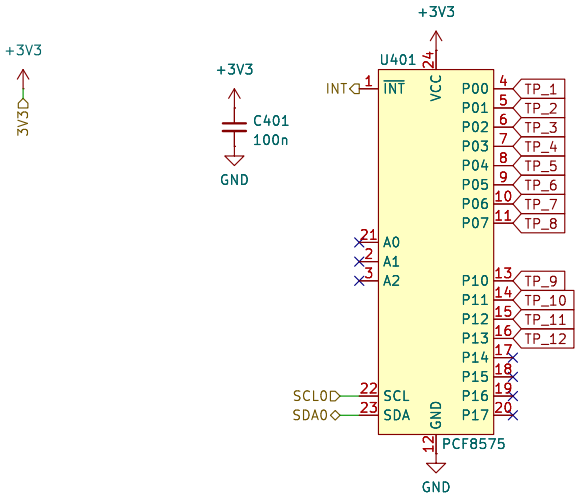
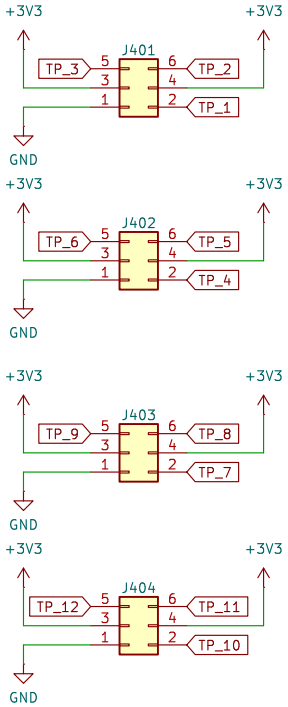
Title: BoardGame		
Size: A4	Date: 2022-09-21	**Rev: 1**
KiCad E.D.A. 8.0.6		Id: 3/10

PCF8575 I/O Expander



Touchpad connectors



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Title: BoardGame		
Size: A4	Date: 2022-09-21	**Rev: 1**
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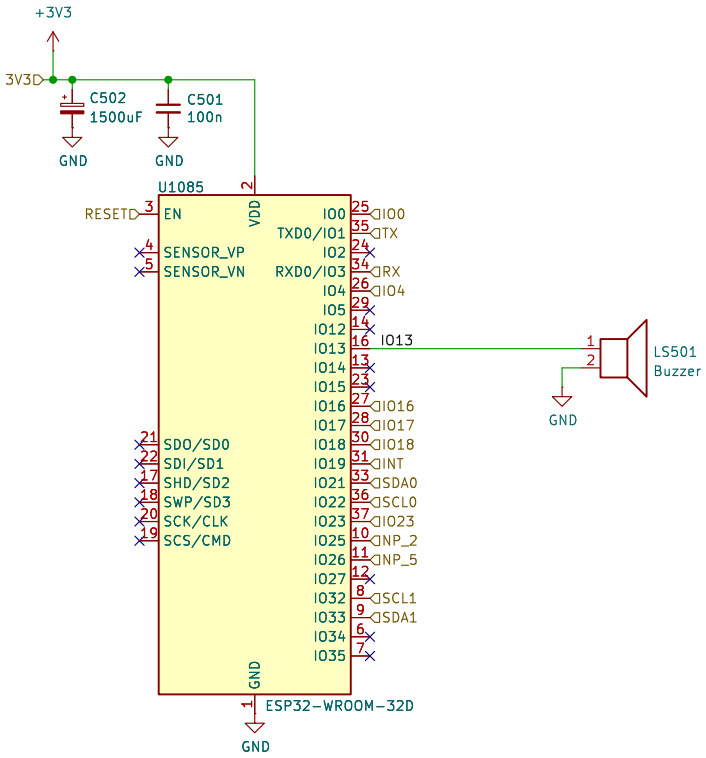
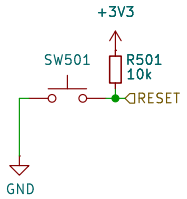
MICROCONTROLLER



RESET SWITCH



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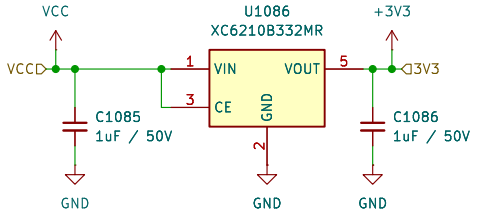
Size: A4	Date: 2022-09-21	**Rev: 1**
KiCad E.D.A. 8.0.6		Id: 5/10



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Size: A4	Date: 2022-09-21	**Rev: 1**
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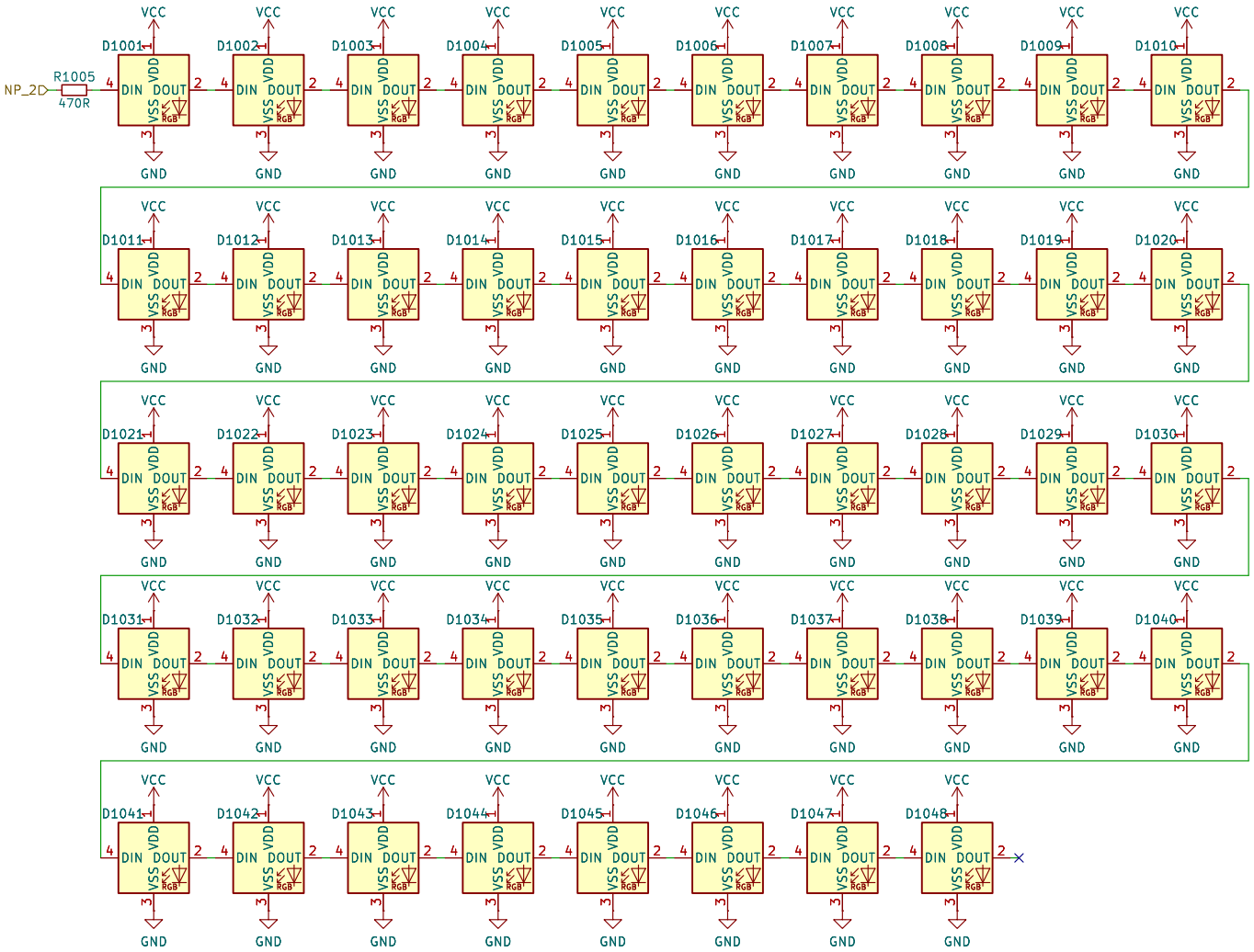
Path LEDs



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Size: A4	Date:	**Rev:**
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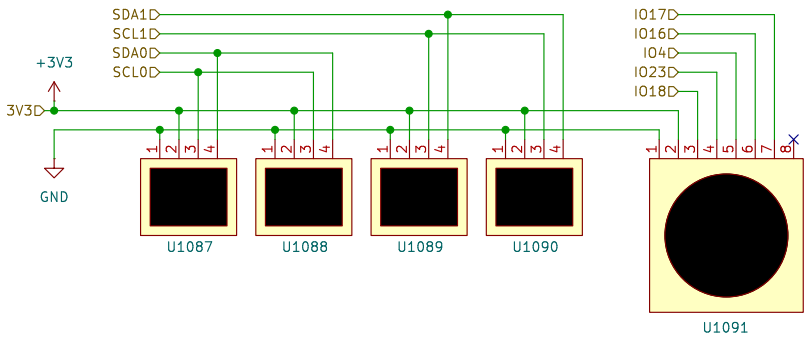

Sheet: /Displays/
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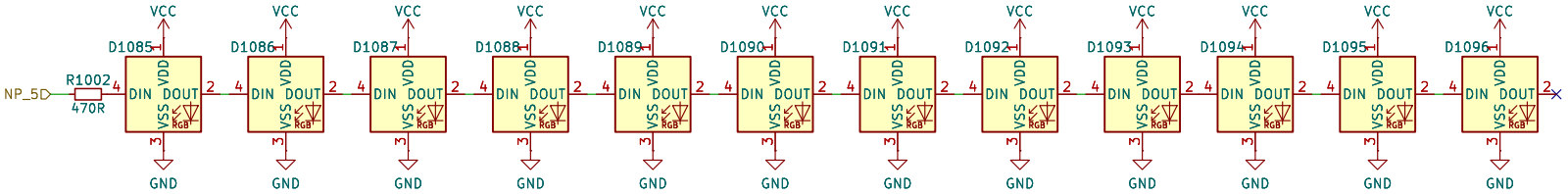
Size: A4	Date:	**Rev:**
KiCad E.D.A. 8.0.6		Id: 10/10

Touchpads LEDs



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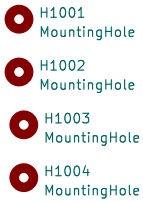
Size: A4	Date:	**Rev:**
KiCad E.D.A. 8.0.6		Id: 11/10



Sheet: /Mechanical/
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Title:

Size: A4	Date:	**Rev:**
KiCad E.D.A. 8.0.6		Id: 14/10