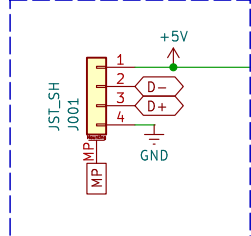
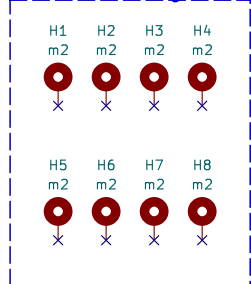


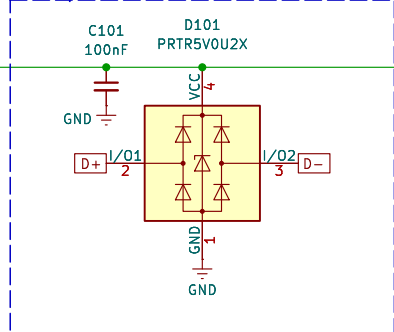
## Connector



## Plate Mounting



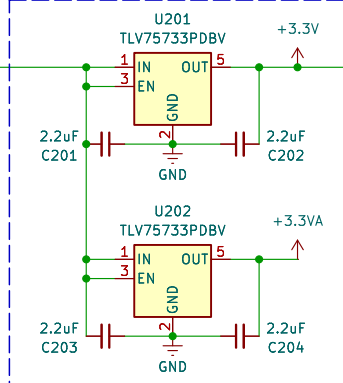
## ESD protection



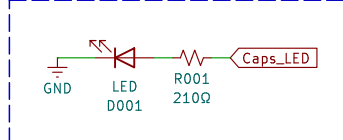
## Sensors + Muxes



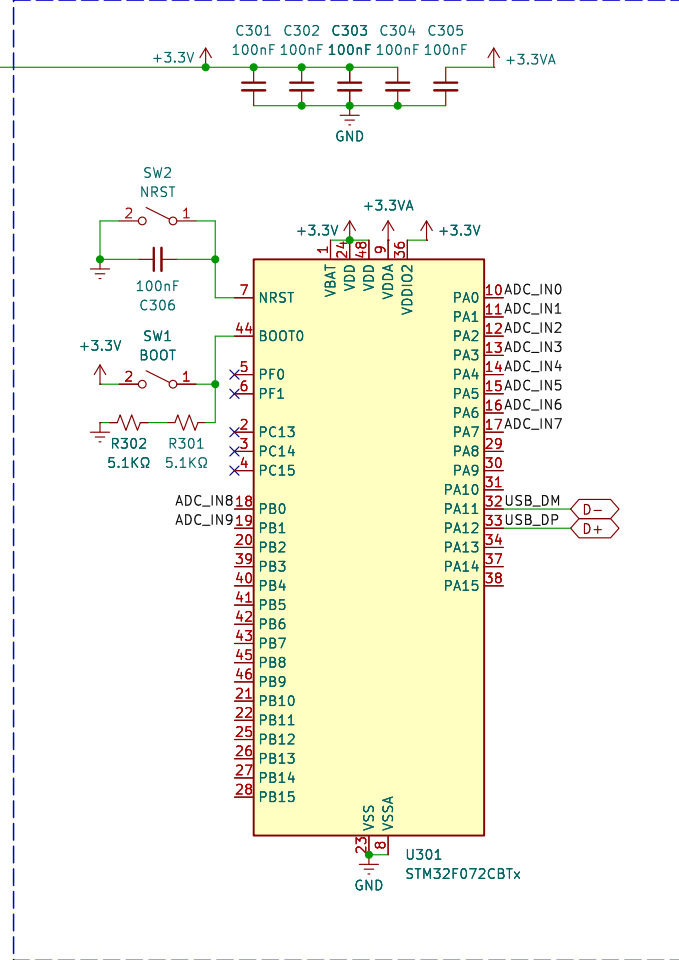
## Power



## Indicator LED



## Microcontroller



Sheet: /  
File: 65HE\_PCB.kicad\_sch

### Title:

Size: A4  
KiCad E.D.A. 9.0.2

Date:

Rev:

Id: 1/2

**Hall Sensor Layout**

The diagram illustrates a Hall sensor layout on a PCB. It features a grid of 50 identical sensor blocks, each containing a Hall sensor (U501-U575) and a 100nF capacitor (C501-C575). The blocks are arranged in 5 rows and 10 columns. Each block is labeled with its component ID and pin numbers. The layout is surrounded by a dashed border, and a title "Hall Sensor Layout" is at the top left.

Each sensor block is represented by a yellow rectangle with a red outline. The components are labeled as follows:

- VCC: +3.3VA
- GND: 3
- VOUT: 2
- HE1: 1
- SW\_MX\_HE: 4
- Capacitor: C501-C575 (100nF)
- U501-U575 (Hall sensor)

The layout is organized into 5 rows and 10 columns. The first row contains 10 blocks (U501-U510), the second row contains 10 blocks (U511-U520), the third row contains 10 blocks (U521-U530), the fourth row contains 10 blocks (U531-U540), and the fifth row contains 10 blocks (U541-U550). The sixth row contains 10 blocks (U551-U560), the seventh row contains 10 blocks (U561-U570), and the eighth row contains 10 blocks (U571-U580).