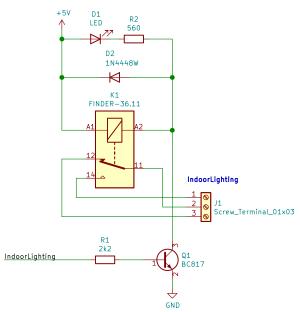
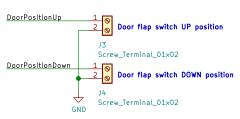
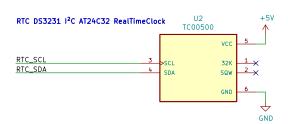


## Indoor lighting component Constraints: maximum current < 6A



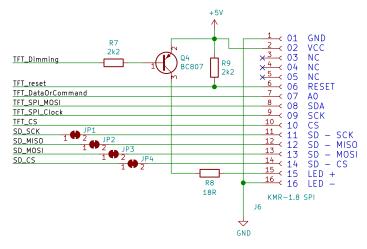
# Position switches door steering (The position switches must be 'normally open')





### Button (input) array SW1 SW\_Push SW\_BackButton O SW2 SW\_Push SW\_EnterButton O SW3 SW\_Push SW\_UpButton SW4 SW\_Push SW\_DownButton O GND

## 1.8 inch 128x160 SPI Serial TFT LCD Display Modul + SD Card Slot (1.8TFT V1.0 !!!)



#### Motor control component Constraints: DC Motor, maximum current < 6A, Voltage <= 50V

Screw\_Terminal\_01x02 Motor supply 2 D3 LED R5 560 D5 1N4448W H FINDER-36.11 D7 D9 1N4448W DC Motor J7 Screw\_Terminal\_01x02 D4 LED D8 D10 D10 1N4448W D6 1N4448W H K3 FINDER-36.11 Motor\_Up

A THT alternative for the transistor is a BC547 (for the NPN's) and BC557 (for the PNP's)











Size: A3 Date: 2022-03-18 KiCad E.D.A. kicad 5.1.10 Rev: v1.0.0