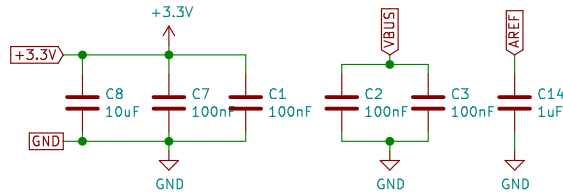
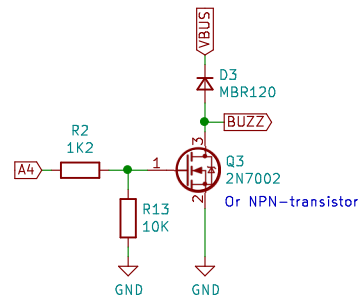
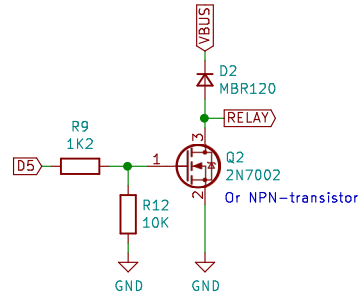
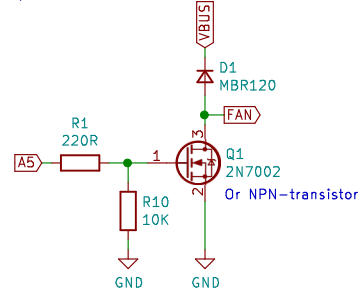


Power filtering



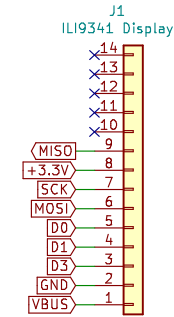
NB!! Omit R10, R11 or R13 if normal NPN-transistors
For R1, R2, R9 use 220R if mosfet, or 1.2K if NPN-Transistor

Output drivers

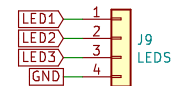
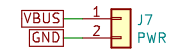
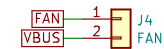
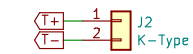


NB!! MBR120 flyback diodes are from original design
But beware these schottky diodes have $R_f = 5mA$
Use 1N4001-7, or 1N4148 instead depending of I_{coff}

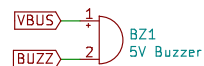
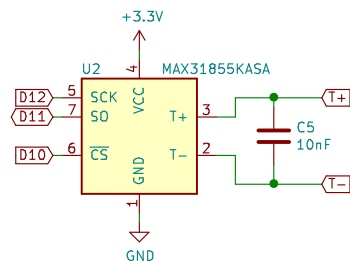
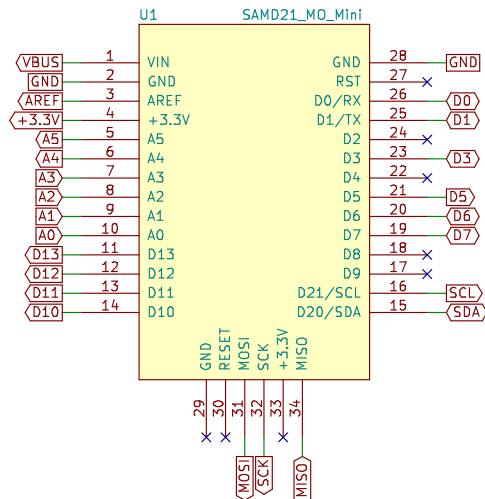
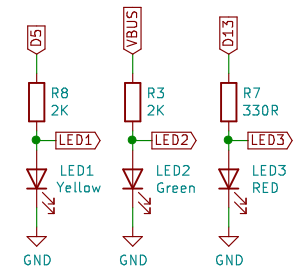
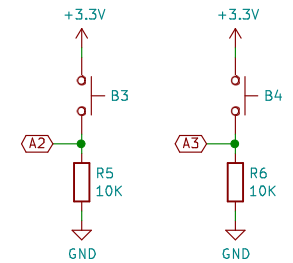
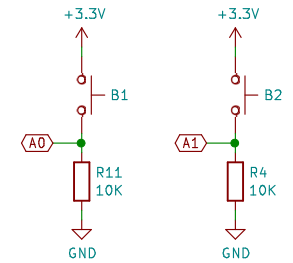
LCD-Display



I/O connectors



Input buttons



Original design UnexpectedMaker

Steen Andreassen

Sheet: /

File: ReflowMaster.sch

Title: ReflowMaster model SAMD21 Mini

Size: A4 Date: 2021-01-04

KiCad E.D.A. eeschema 5.1.7-a382d34a887ubuntu18.04.1

Rev: 1.0

Id: 1/1