

Notes

Datasheet 72.o.

Alternate functions of ports/pins

Used peripherals:

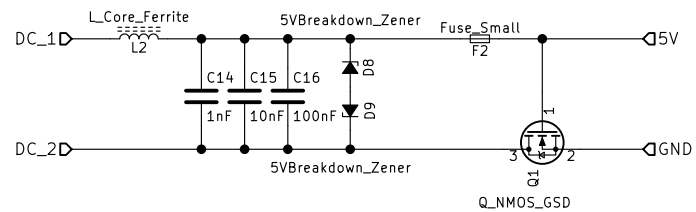
Timer0

Timer1

USART

ADC

AC

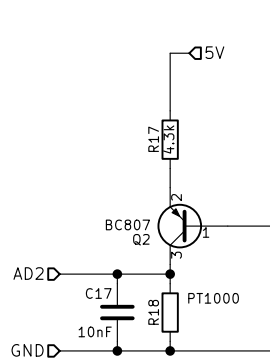


Sheet: /Input\_filter/  
File: Input\_filter.sch

**Title:**

Size: A4 Date: 2020-07-18  
KiCad E.D.A. kicad 4.0.7-e2-637661ubuntu18.04.1

Rev:  
Id: 2/6



Design notes:  
 - load current will be approximately 1 mA  
 - 0,4K/mW self-heating -> it shall be compensated by SW

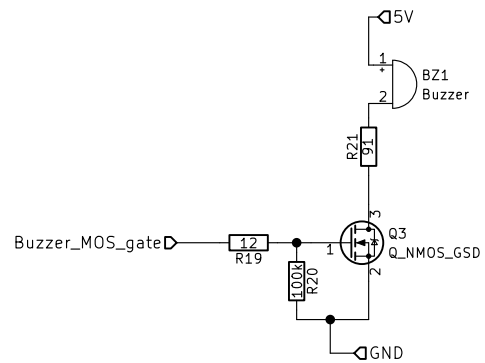
Sheet: /RTD\_temp\_sense/  
 File: RTD\_temp\_sense.sch

**Title:**

Size: A4  
 KiCad E.D.A. kicad 4.0.7-e2-637661ubuntu18.04.1

Date: 2020-07-18

**Rev:**  
 Id: 3/6

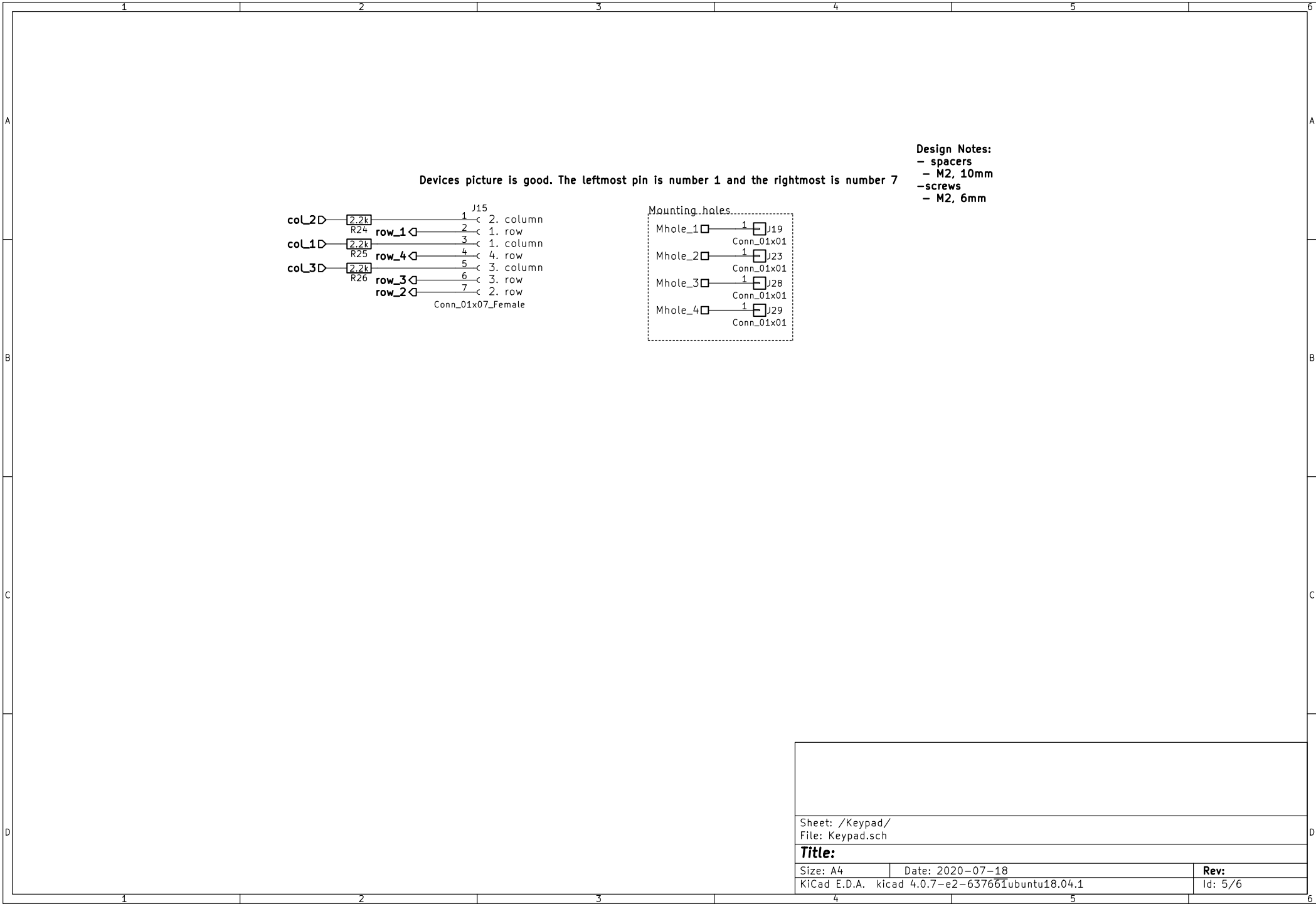


Sheet: /Buzzer/  
File: Buzzer.sch

**Title:**

Size: A4 Date: 2020-07-18  
KiCad E.D.A. kicad 4.0.7-e2-637661ubuntu18.04.1

**Rev:**  
Id: 4/6

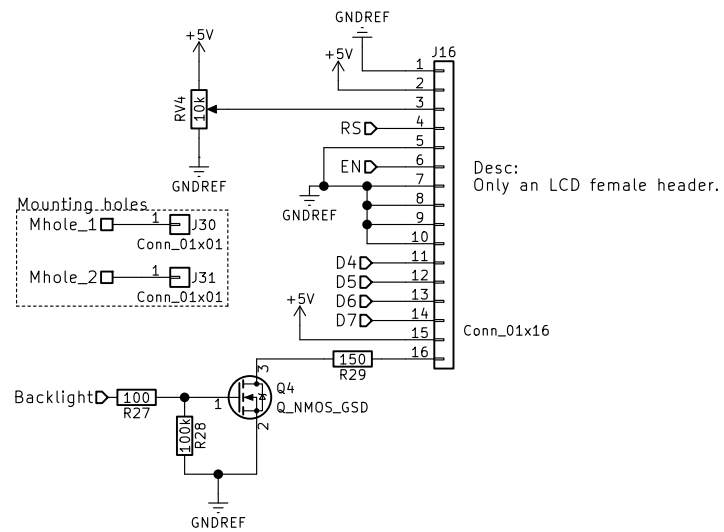


Sheet: /Keypad/  
File: Keypad.sch

**Title:**

Size: A4 Date: 2020-07-18  
KiCad E.D.A. kicad 4.0.7-e2-637661ubuntu18.04.1

Rev:  
Id: 5/6



**Design Notes:**

- spacers:
- M3, 11mm
- screws:
- M3, 4mm

Sheet: /LCD\_/  
File: LCD\_.sch

**Title:**

Size: A4 Date: 2020-07-18  
KiCad E.D.A. kicad 4.0.7-e2-637661ubuntu18.04.1

**Rev:**  
Id: 6/6