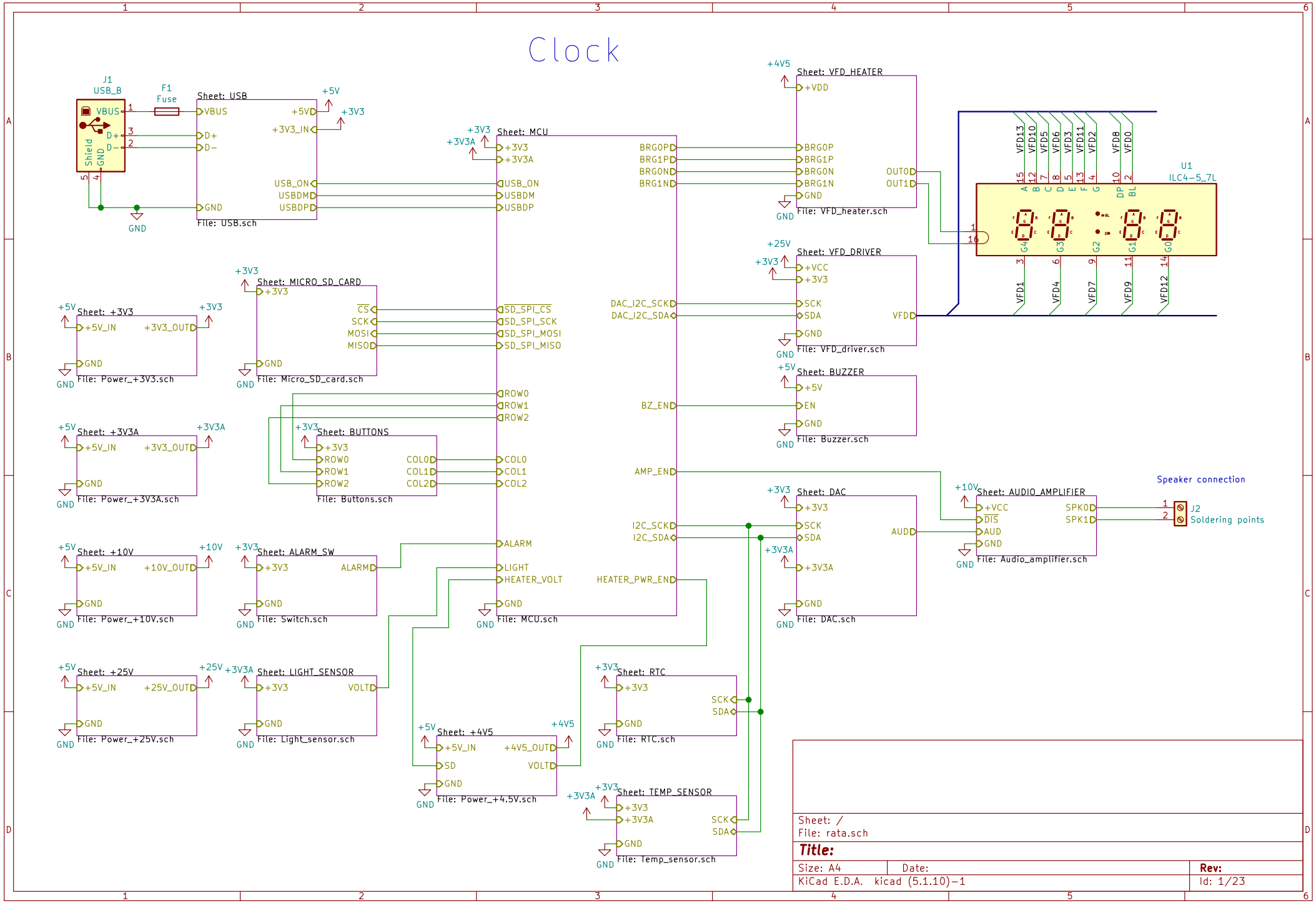
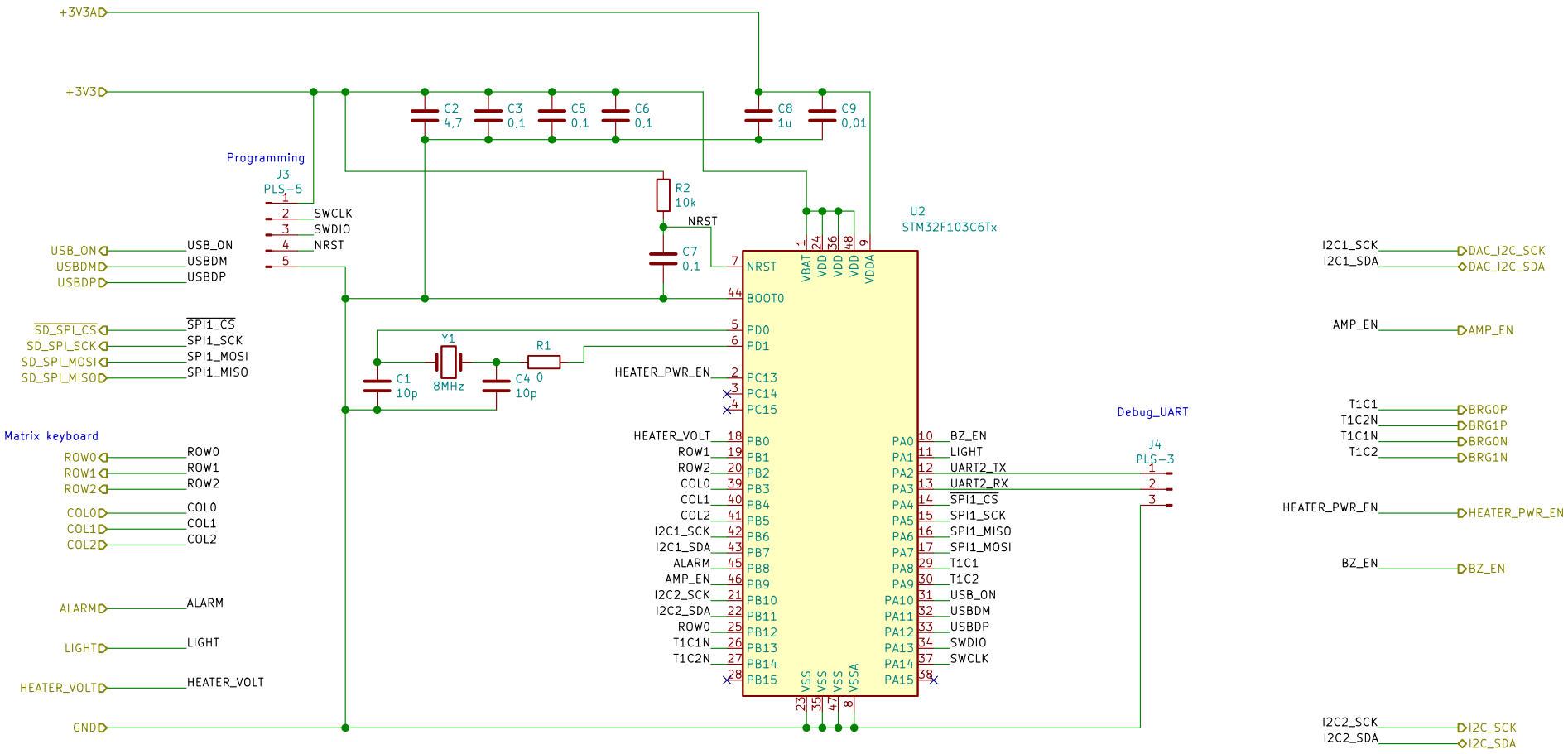

Clock
J1
USB_B
F1
Fuse
Sheet: USB
File: USB.sch
Sheet: MCU
File: MCU.sch
Sheet: VFD_HEATER
File: VFD_heater.sch
Sheet: VFD_DRIVER
File: VFD_driver.sch
U1
ILC4-5_7L
Sheet: MICRO_SD_CARD
File: Micro_SD_card.sch
Sheet: +3V3
File: Power_+3V3.sch
Sheet: +3V3A
File: Power_+3V3A.sch
Sheet: BUTTONS
File: Buttons.sch
Sheet: BUZZER
File: Buzzer.sch
Sheet: +10V
File: Power_+10V.sch
Sheet: ALARM_SW
File: Switch.sch
Sheet: DAC
File: DAC.sch
Sheet: AUDIO_AMPLIFIER
File: Audio_amplifier.sch
Speaker connection
J2
Soldering points
Sheet: +25V
File: Power_+25V.sch
Sheet: LIGHT_SENSOR
File: Light_sensor.sch
Sheet: +4V5
File: Power_+4.5V.sch
Sheet: RTC
File: RTC.sch
Sheet: TEMP_SENSOR
File: Temp_sensor.sch
Sheet: /
File: rata.sch
Title:
Size: A4
Date:
Rev:
KiCad E.D.A. kicad (5.1.10)-1
Id: 1/23

MCU



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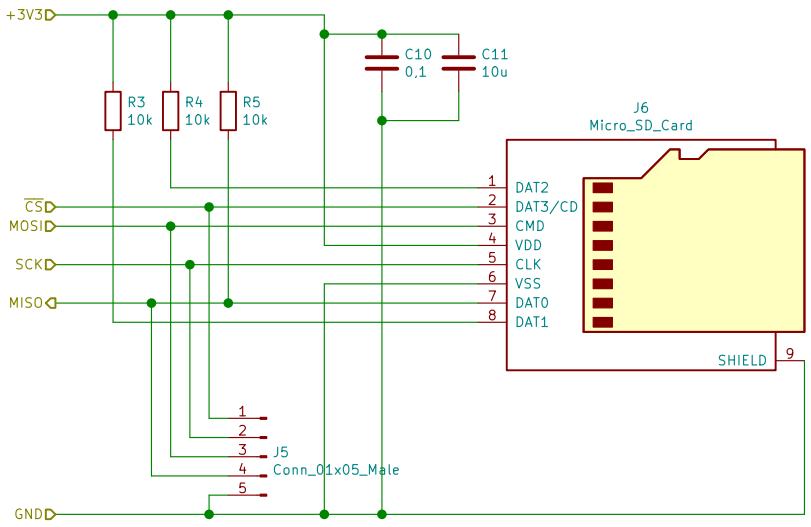
Size: A4	Date:	**Rev:**
KiCad E.D.A. kicad (5.1.10)-1		Id: 2/23

Micro-SD card connector



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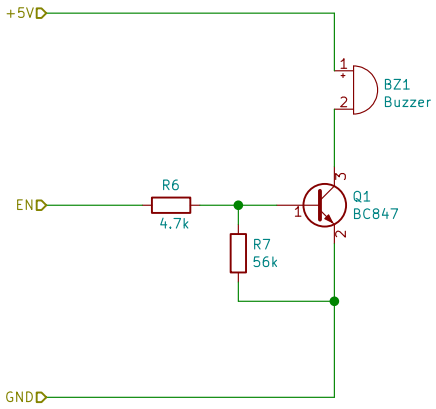
KiCad E.D.A. kicad (5.1.10)-1		Id: 3/23

Buzzer



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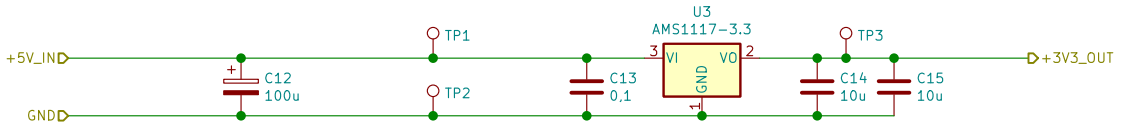
Title:		
Size: A4	Date:	**Rev:**
KiCad E.D.A. kicad (5.1.10)-1		Id: 4/23

Power source +3V3



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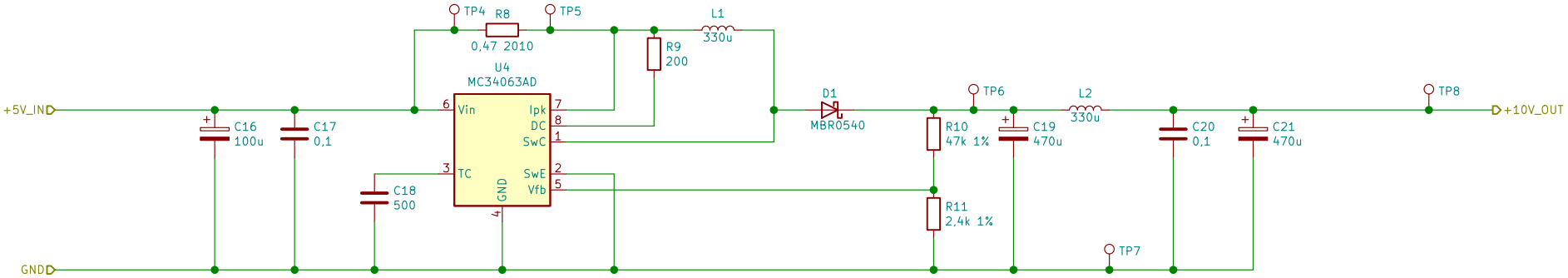
Title:		
Size: A4	Date:	**Rev:**
KiCad E.D.A. kicad (5.1.10)-1		Id: 5/23

Boost converter +10V



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Title:		
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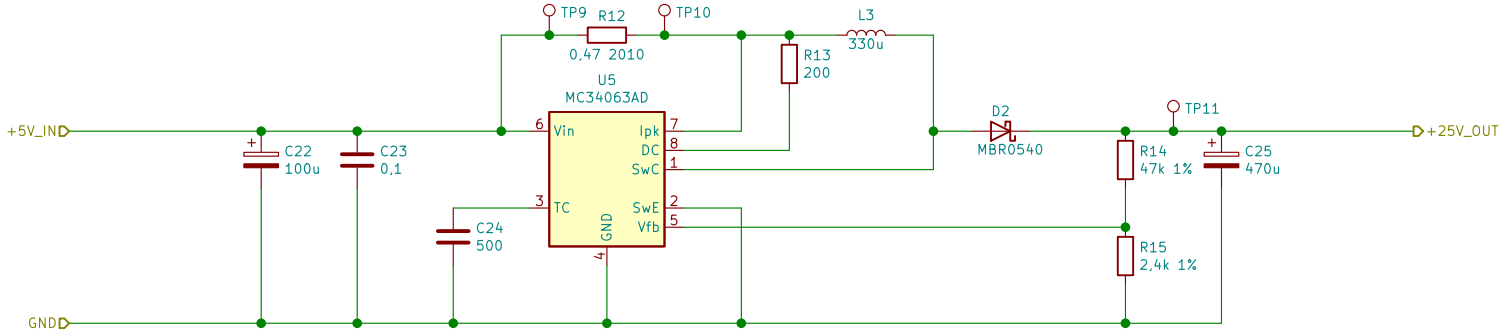
KiCad E.D.A. kicad (5.1.10)-1		Id: 6/23

Boost converter +25V



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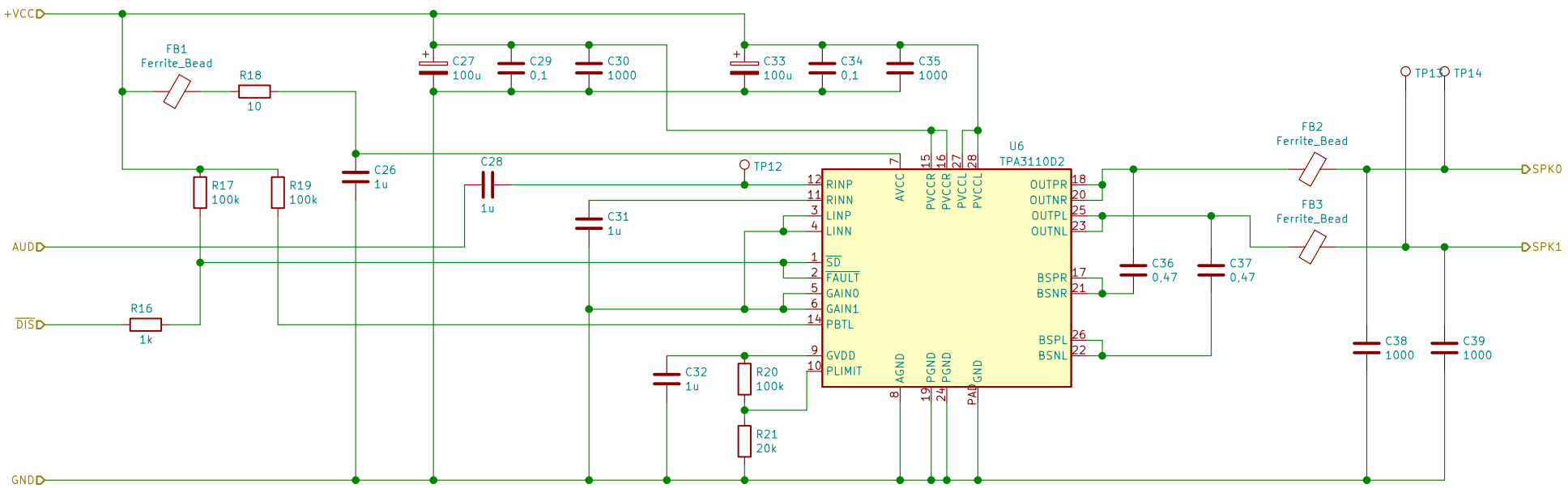
KiCad E.D.A. kicad (5.1.10)-1		Id: 7/23

D class audio amplifier



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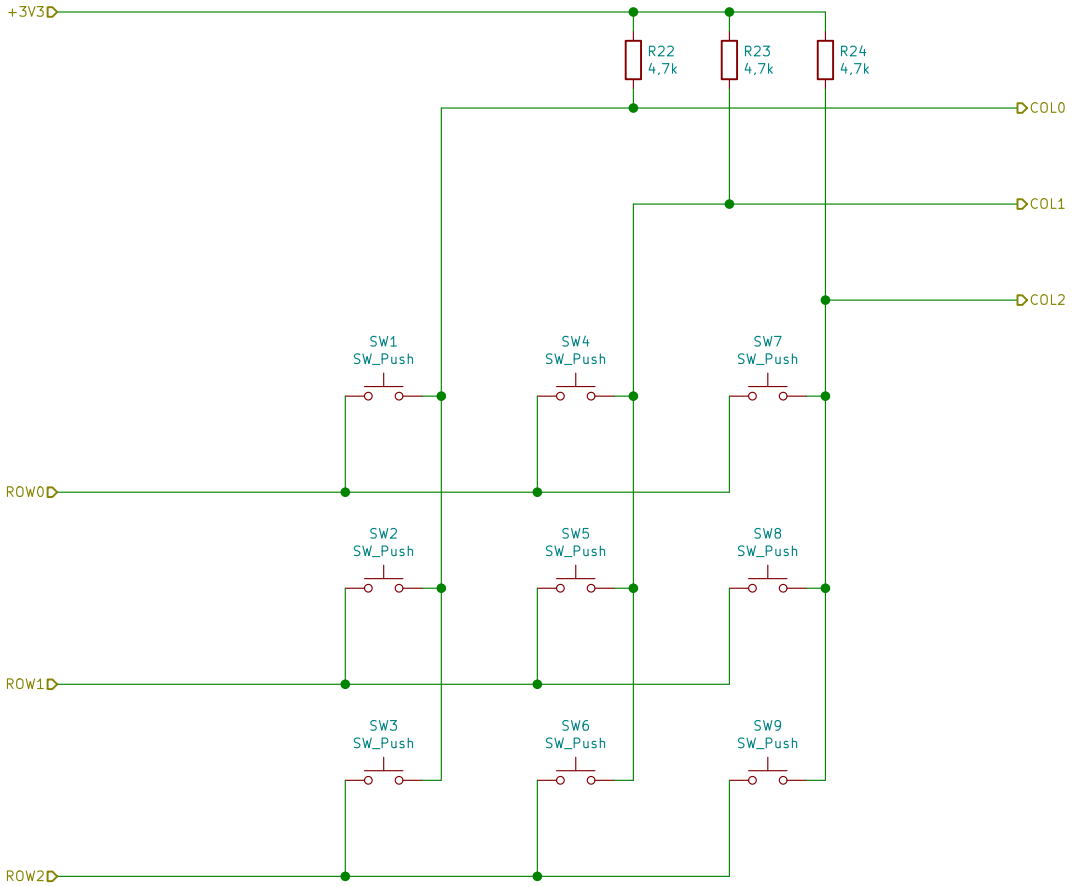
Title:		
Size: A4	Date:	**Rev:**
KiCad E.D.A. kicad (5.1.10)-1		Id: 8/23

Button matrix



Sheet: /BUTTONS/ File: Buttons.sch		
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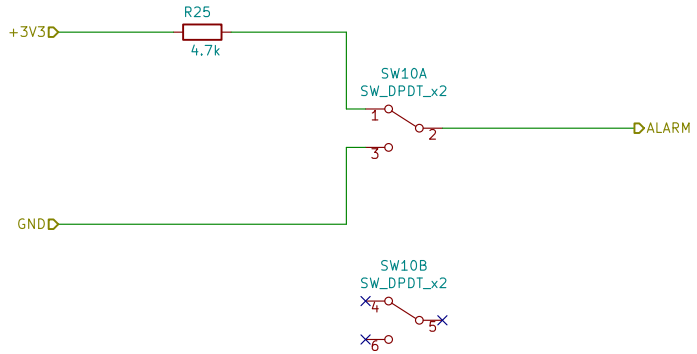
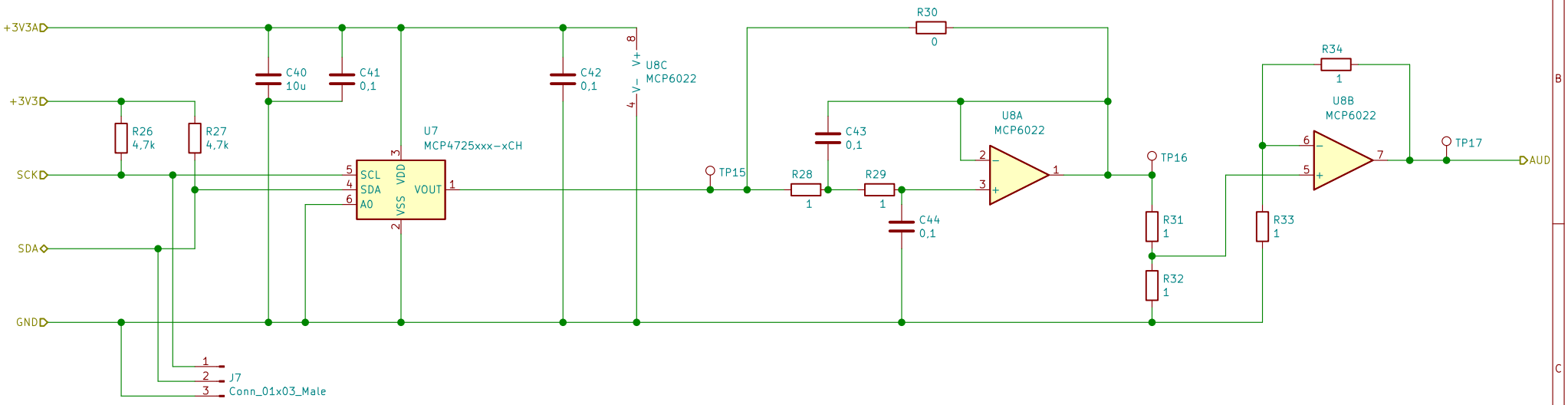
Size: A4	Date:	**Rev:**
KiCad E.D.A. kicad (5.1.10)-1		Id: 9/23

Alarm switch



Sheet: /ALARM_SW/ File: Switch.sch		
Title:		
Size: A4	Date:	**Rev:**
KiCad E.D.A. kicad (5.1.10)-1		Id: 10/23

DAC with filter and preamplifier



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Title:		
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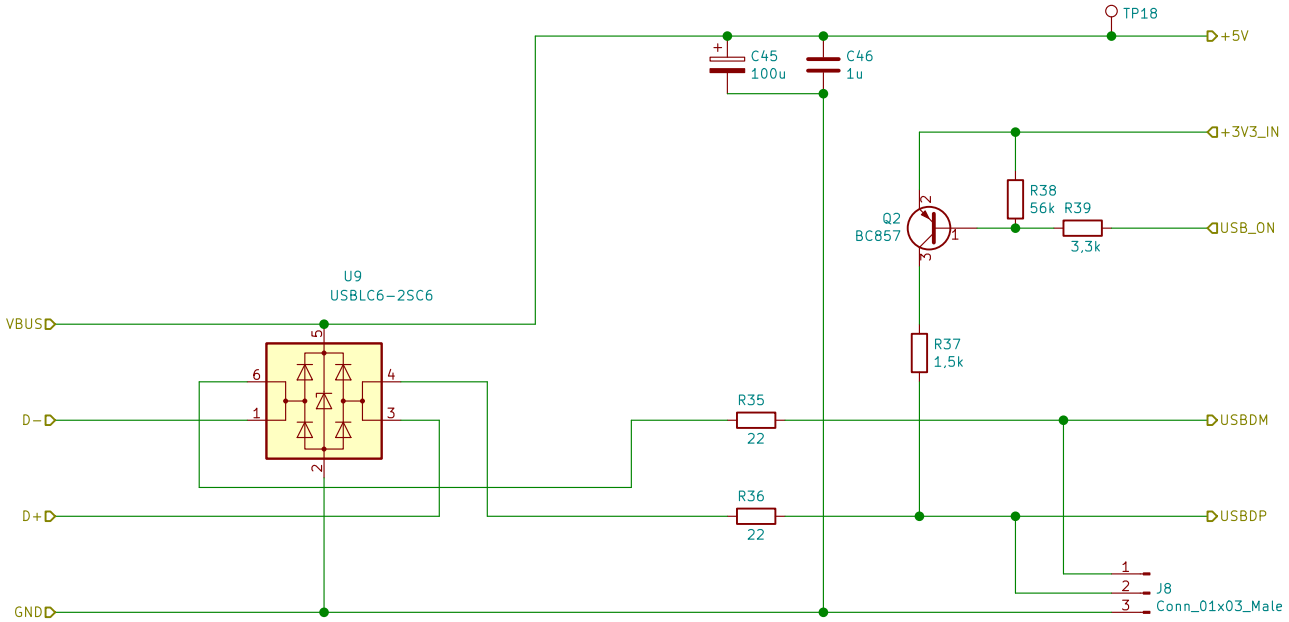
KiCad E.D.A. kicad (5.1.10)-1		Id: 11/23

USB in/out circuit



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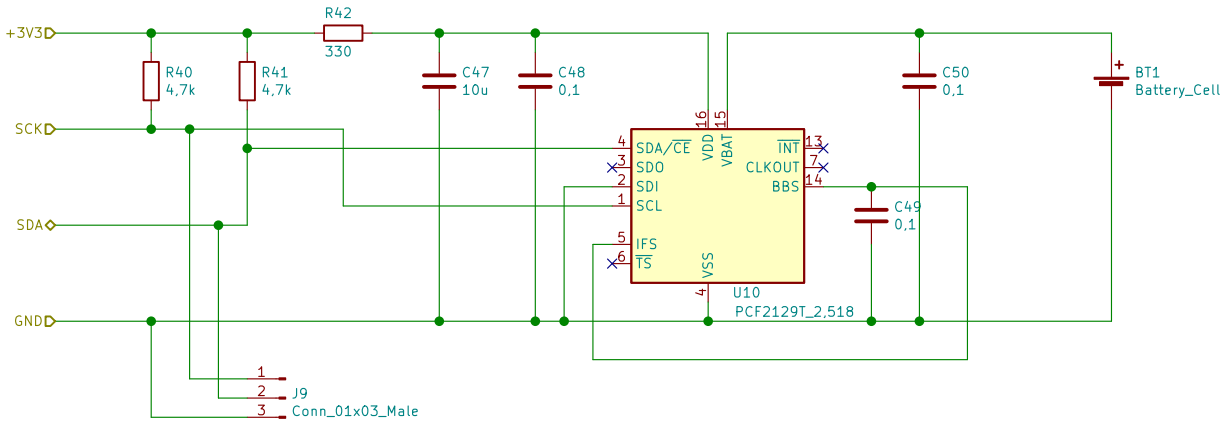
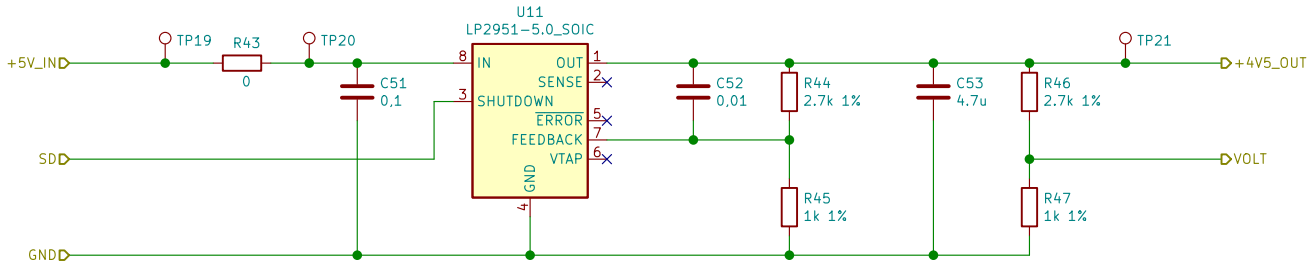
Size: A4	Date:	**Rev:**
KiCad E.D.A. kicad (5.1.10)-1		Id: 12/23

Battery powered RTC



Sheet: /RTC/		
File: RTC.sch		
Title:		
Size: A4	Date:	**Rev:**
KiCad E.D.A. kicad (5.1.10)-1		Id: 13/23

LDO +4V5



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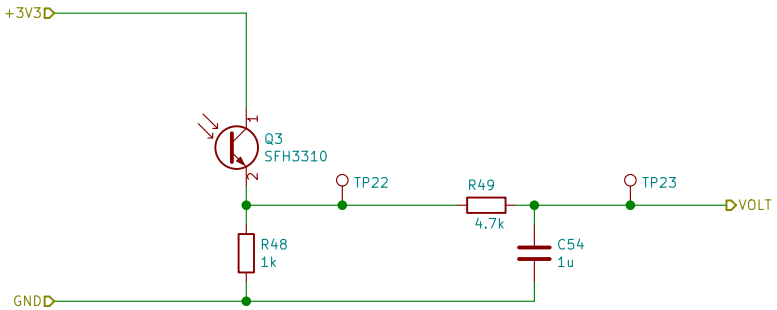
Size: A4	Date:	**Rev:**
KiCad E.D.A. kicad (5.1.10)-1		Id: 14/23

Light level sensor



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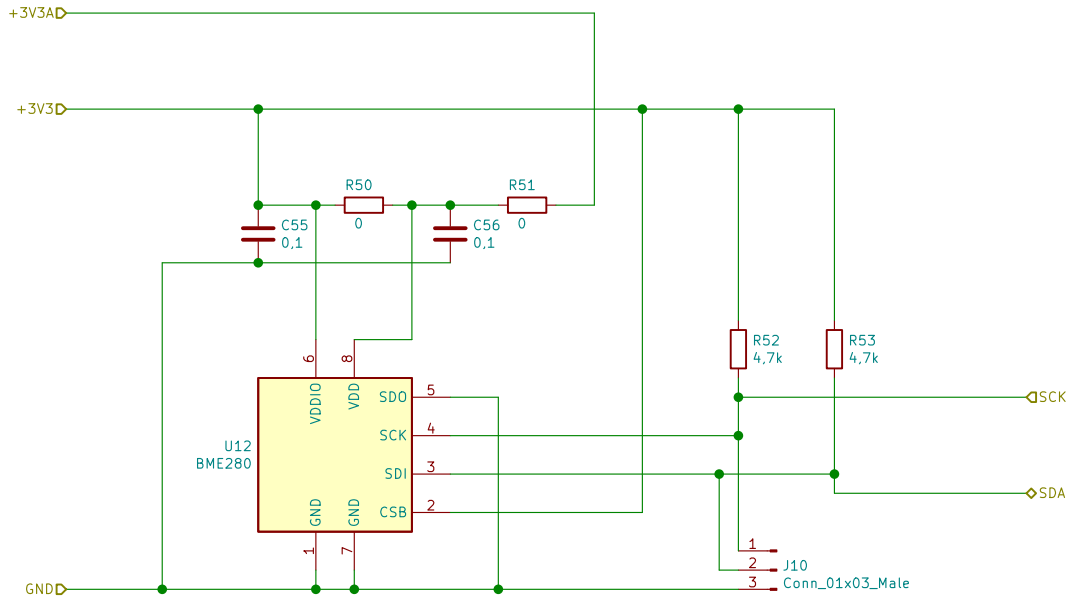
Title:		
Size: A4	Date:	**Rev:**
KiCad E.D.A. kicad (5.1.10)-1		Id: 15/23

BME280 humiduty and temperature sensor



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Title:		
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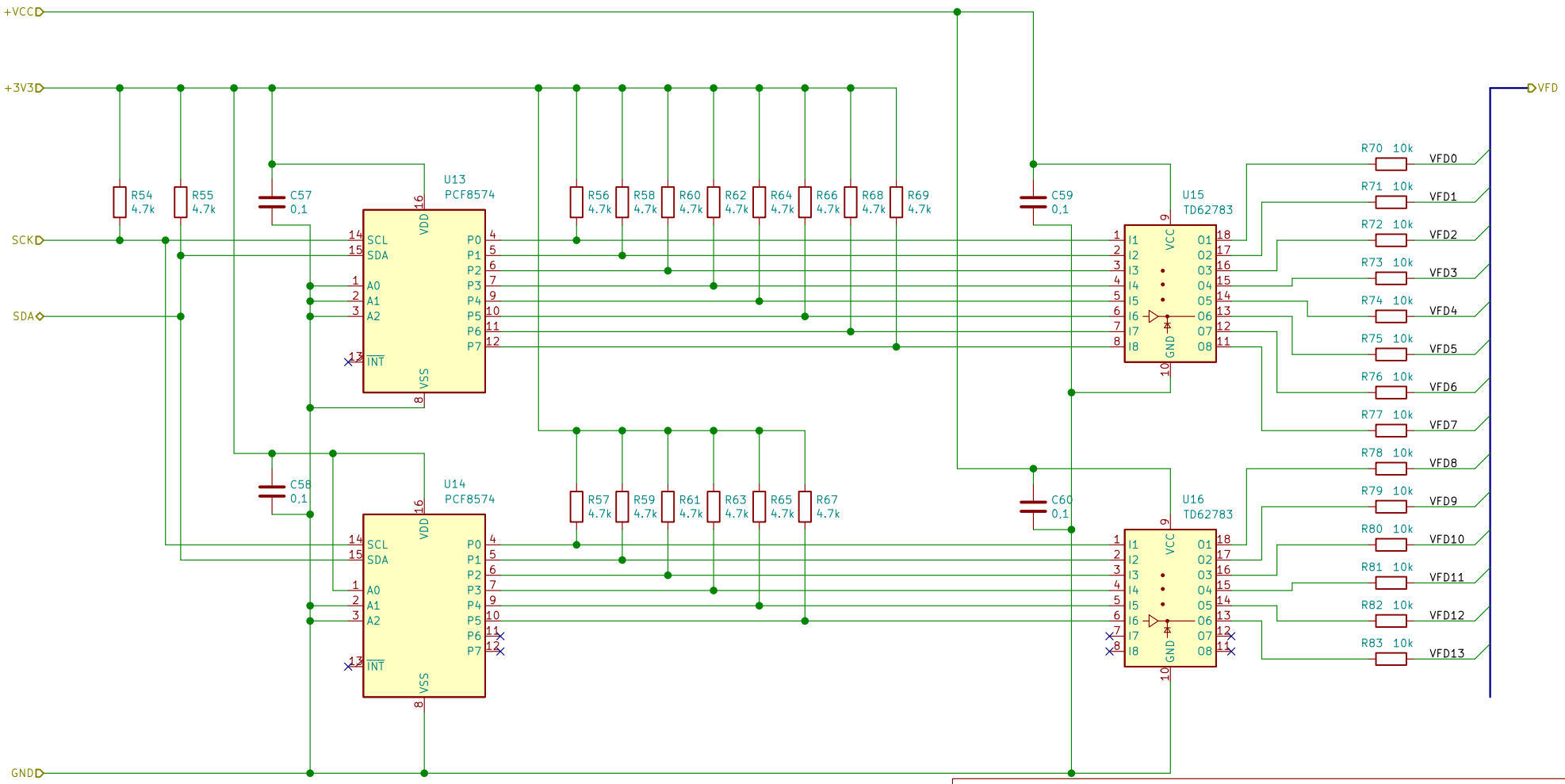
KiCad E.D.A. kicad (5.1.10)-1		Id: 16/23

VFD (vacuum fluorescent display) control circuit



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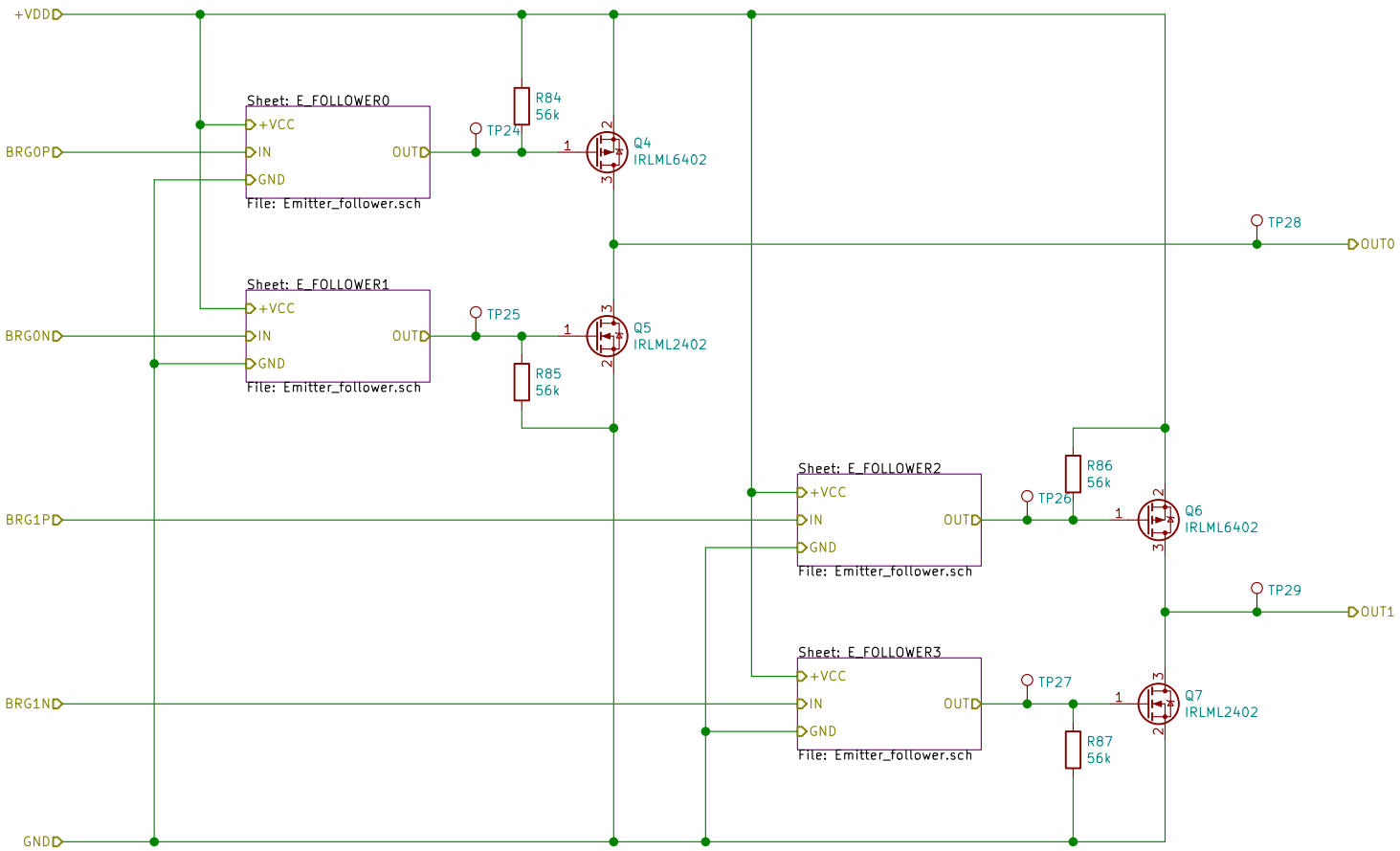
File: VFD_driver.sch

Title:

Size: A4	Date:	**Rev:**
KiCad E.D.A. kicad (5.1.10)-1		Id: 17/23

Heater power H-bridge



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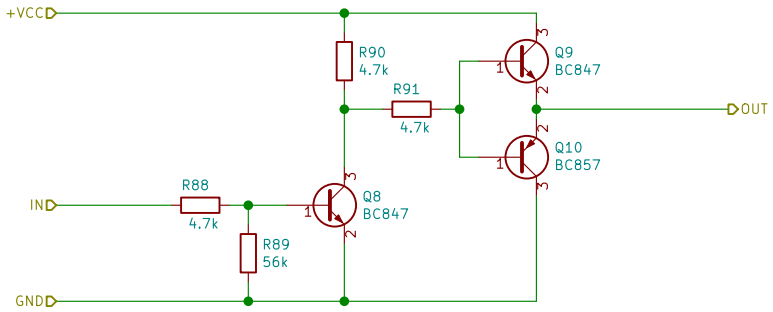
Title:		
Size: A4	Date:	**Rev:**
KiCad E.D.A. kicad (5.1.10)-1		Id: 18/23

Double emitter follower



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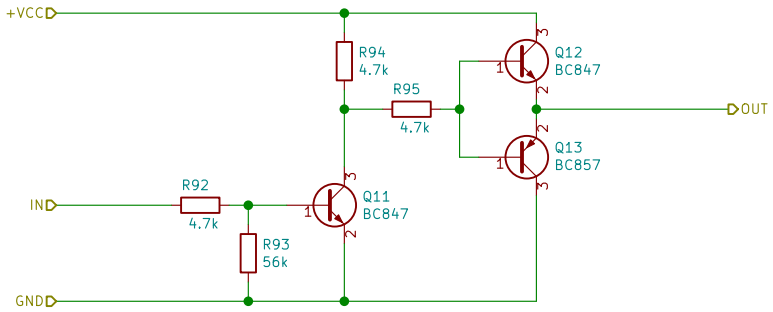
Title:		
Size: A4	Date:	**Rev:**
KiCad E.D.A. kicad (5.1.10)-1		Id: 19/23

Double emitter follower



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Title:		
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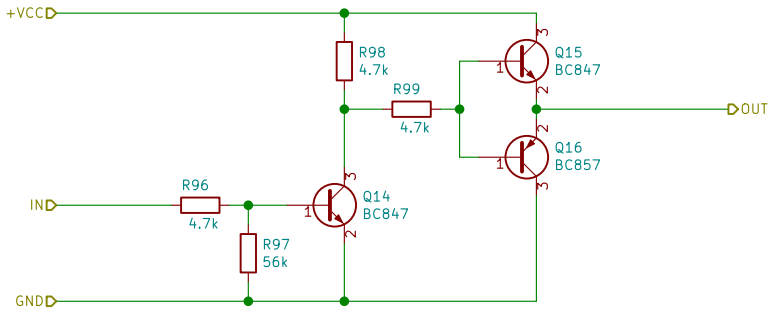
KiCad E.D.A. kicad (5.1.10)-1		Id: 20/23

Double emitter follower



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Title:		
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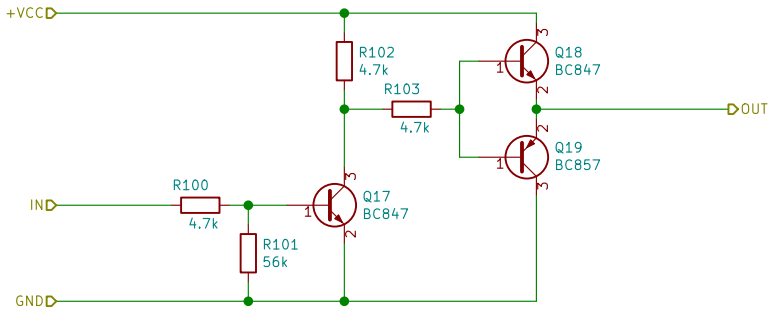
KiCad E.D.A. kicad (5.1.10)-1		Id: 21/23

Double emitter follower



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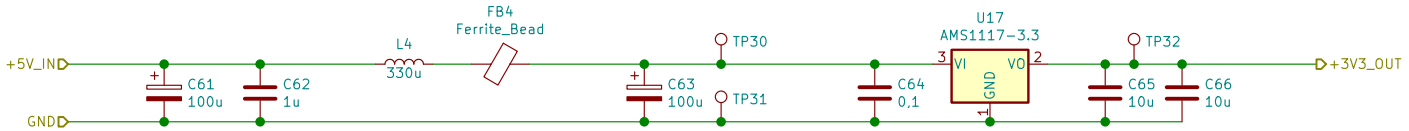
Power source +3V3 analog



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Size: A4	Date:	**Rev:**
KiCad E.D.A. kicad (5.1.10)-1		Id: 23/23