

digital-interface

CS_CS
SCKL_SCKL
SDI_SD
SDO_SD

File: digital-interface.kicad_sch

power

power_ok

File: power.kicad_sch

conf

CS conf_vref
SCKR conf_uv
SDI conf_lv
SDO conf_lref
conf_ucl
conf_lcl
relay_connect
conf_ok
conf_refselect_v
conf_refselect_i

File: conf.kicad_sch

mux

conf_vref mux_ref
conf_uv mux_meas
conf_lv
conf_lref
conf_ucl
conf_lcl
meas_out_v
meas_out_i
mode_vc
mode_uv
mode_lv
mode_cc
mode_ucl
mode_lcl

File: mux.kicad_sch

control-var

ref out
meas

File: control-var.kicad_sch

power-electronics

v_in v_out

File: power-electronics.kicad_sch

measurement

In out
meas_out_v
meas_out_i

File: measurement.kicad_sch

relay

In out
relay_connect

File: relay.kicad_sch

adc

CONVST_CS
SCKL AIN_P
SDI
SDO-0

File: adc.kicad_sch

adc1

CONVST_CS
SCKL AIN_P
SDI
SDO-0

File: adc.kicad_sch

limit-logic

power_ok
conf_ok
conf_refselect_v mode_vc
conf_vref mode_uv
conf_uv mode_lv
conf_lv
conf_refselect_i mode_cc
conf_lref mode_ucl
conf_ucl mode_lcl
conf_lcl
meas_out_v
meas_out_i

File: limit-logic.kicad_sch

Overview

Open Battery Tester

Sheet: /
File: pss.kicad_sch

Title: Power Supply Sink

Size: A4

Date: 2024-12-02

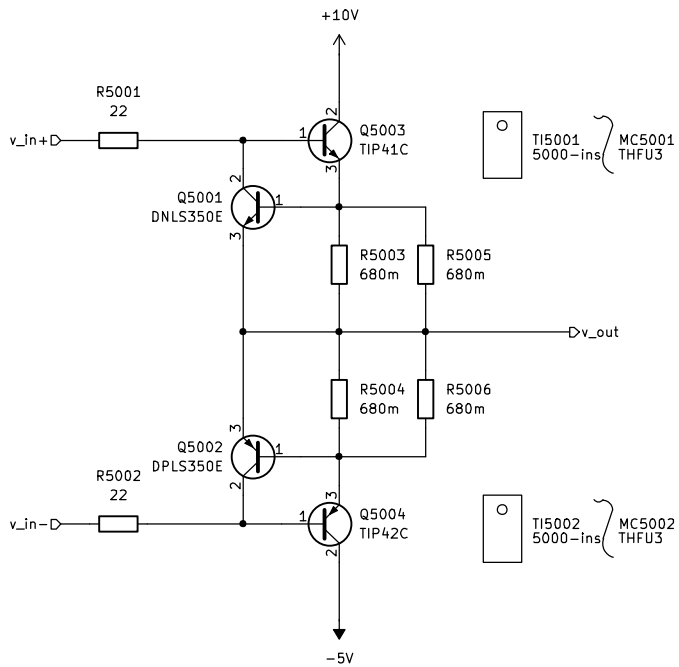
Rev: 0.10.1

KiCad E.D.A. 8.0.2

Id: 1/33

Id: 1/33

Id: 0/33



Emitter Follower

Open Battery Tester

Sheet: /power-electronics/outstage/emitter_follower10/

File: emitter_follower.kicad_sch

Title: Power Supply Sink

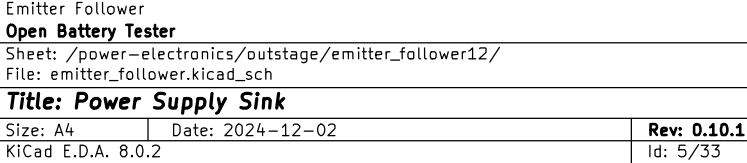
Size: A4

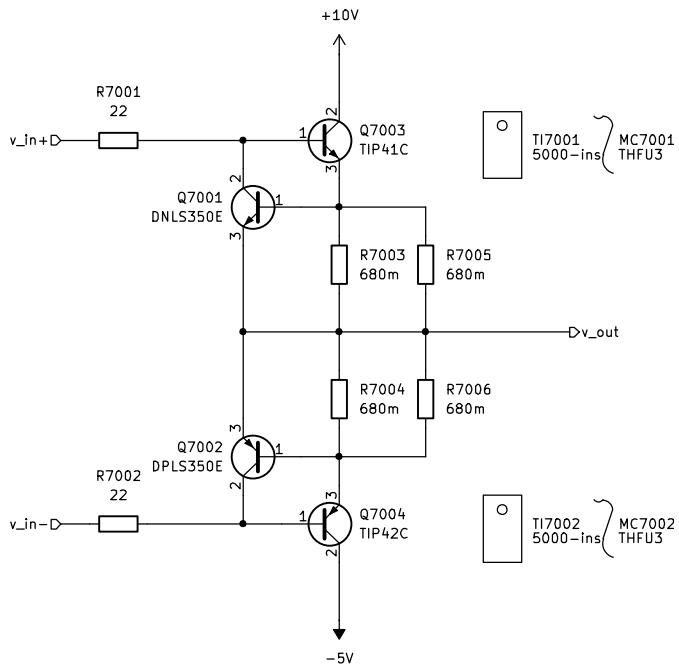
Date: 2024-12-02

Rev: 0.10.1

KiCad E.D.A. 8.0.2

Id: 4/33





Emitter Follower

Open Battery Tester

Sheet: /power-electronics/outstage/emitter_follower4/

File: emitter_follower.kicad_sch

Title: Power Supply Sink

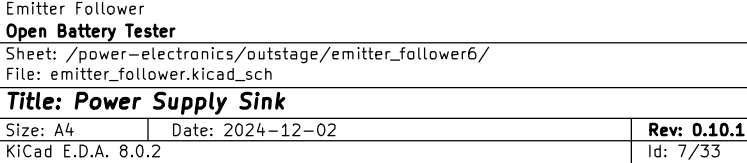
Size: A4

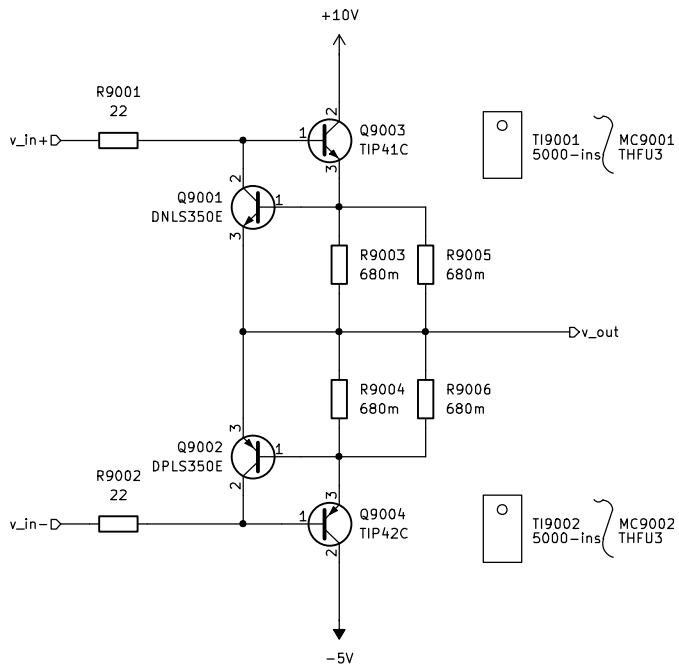
Date: 2024-12-02

Rev: 0.10.1

KiCad E.D.A. 8.0.2

Id: 6/33





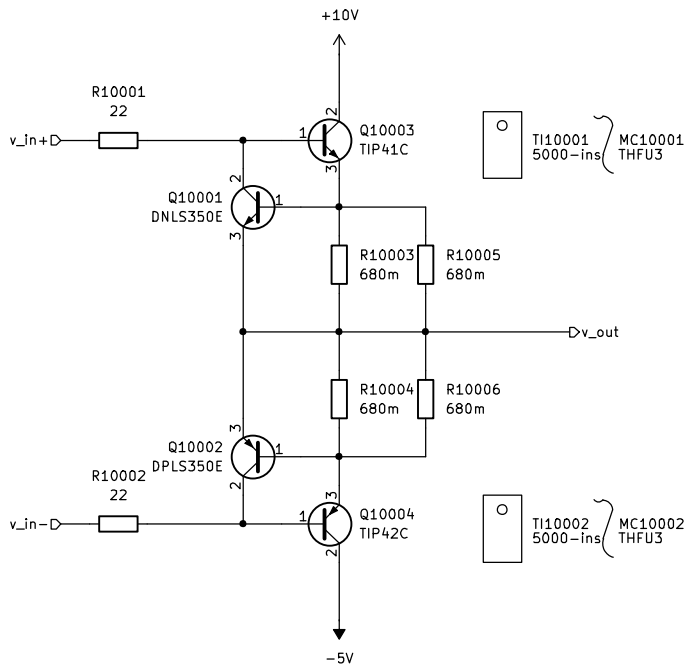
Emitter Follower

Open Battery Tester

Sheet: /power-electronics/outstage/emitter_follower11/
File: emitter_follower.kicad_sch

Title: Power Supply Sink

Size: A4	Date: 2024-12-02	Rev: 0.10.1
KiCad E.D.A. 8.0.2		Id: 8/33



Emitter Follower

Open Battery Tester

Sheet: /power-electronics/outstage/emitter_follower8/

File: emitter_follower.kicad_sch

Title: Power Supply Sink

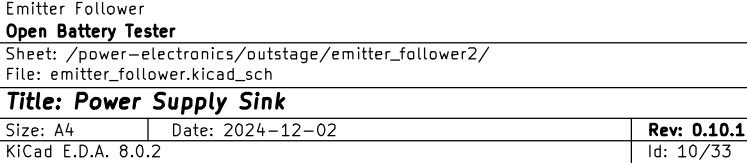
Size: A4

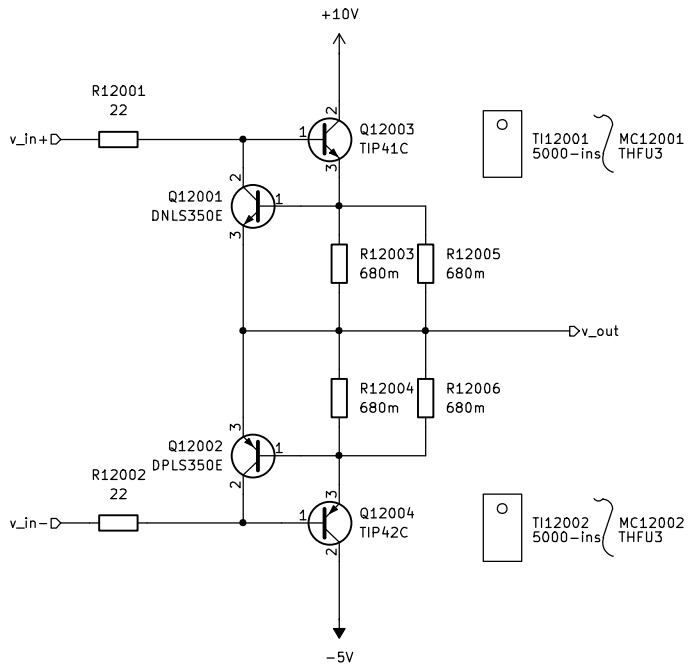
Date: 2024-12-02

Rev: 0.10.1

KiCad E.D.A. 8.0.2

Id: 9/33





Emitter Follower

Open Battery Tester

Sheet: /power-electronics/outstage/emitter_follower1/

File: emitter_follower.kicad_sch

Title: Power Supply Sink

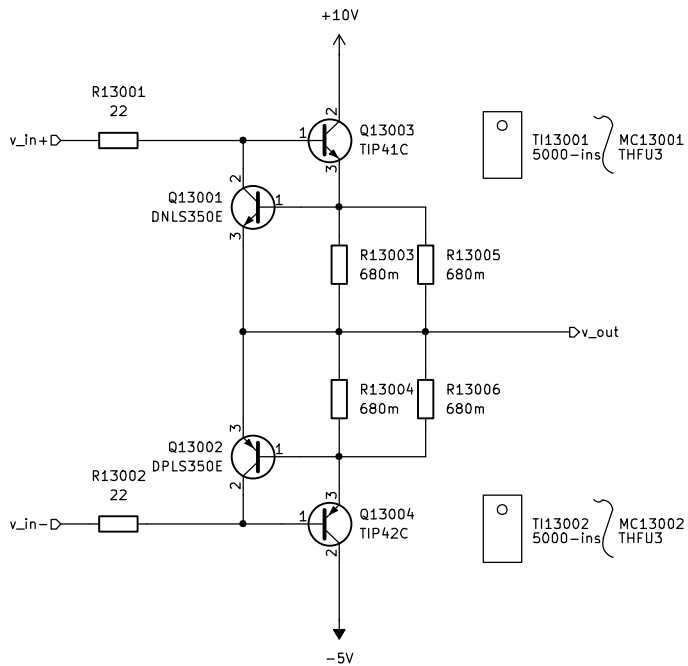
Size: A4

Date: 2024-12-02

Rev: 0.10.1

KiCad E.D.A. 8.0.2

Id: 11/33



Emitter Follower

Open Battery Tester

Sheet: /power-electronics/outstage/emitter_follower7/
File: emitter_follower.kicad_sch

Title: Power Supply Sink

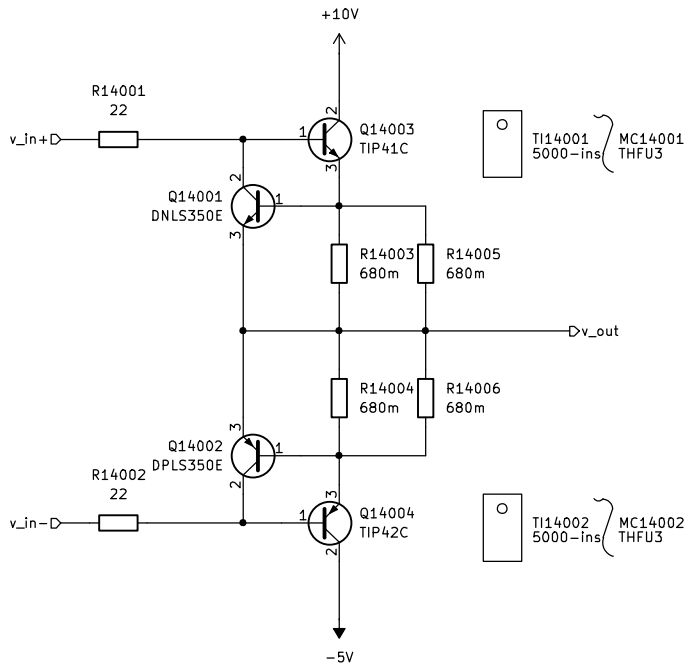
Size: A4

Date: 2024-12-02

Rev: 0.10.1

KiCad E.D.A. 8.0.2

Id: 12/33



Emitter Follower

Open Battery Tester

Sheet: /power-electronics/outstage/emitter_follower3/

File: emitter_follower.kicad_sch

Title: Power Supply Sink

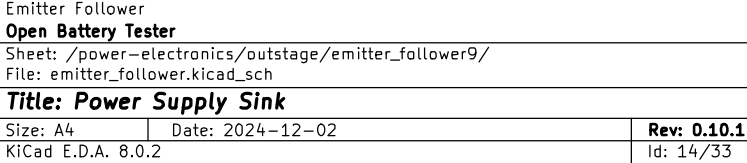
Size: A4

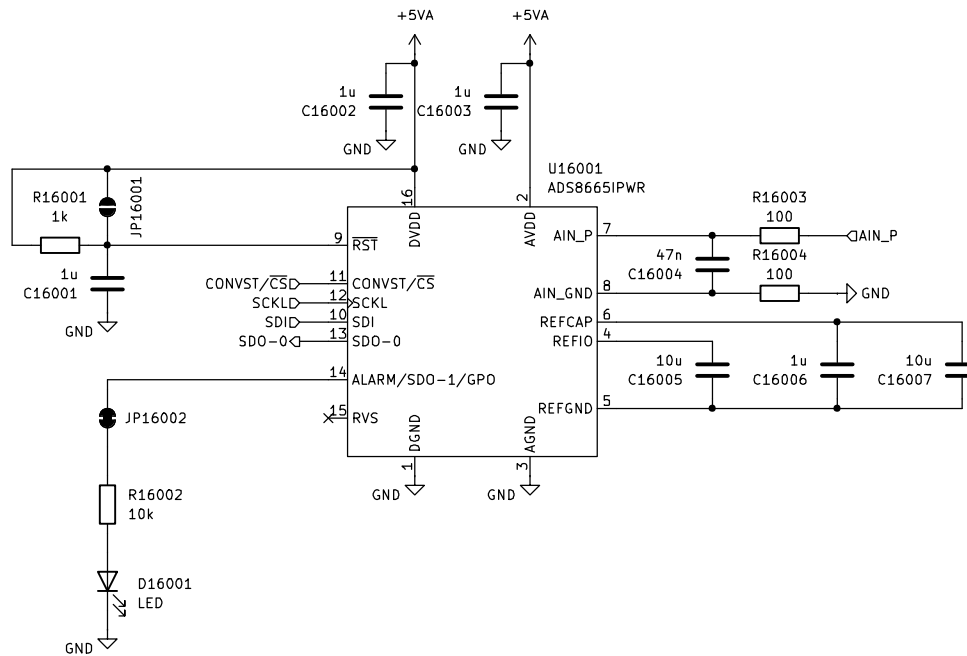
Date: 2024-12-02

Rev: 0.10.1

KiCad E.D.A. 8.0.2

Id: 13/33



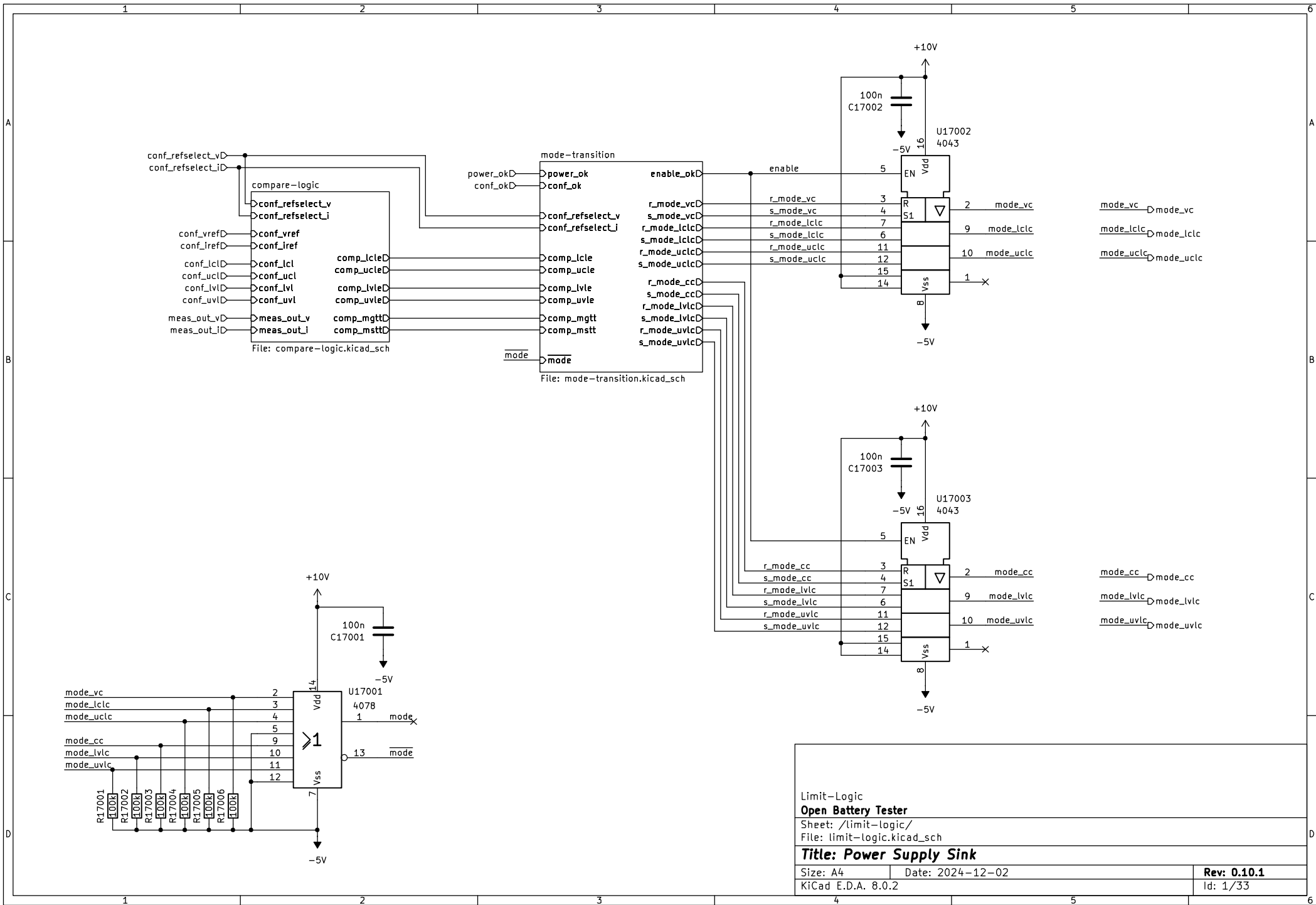


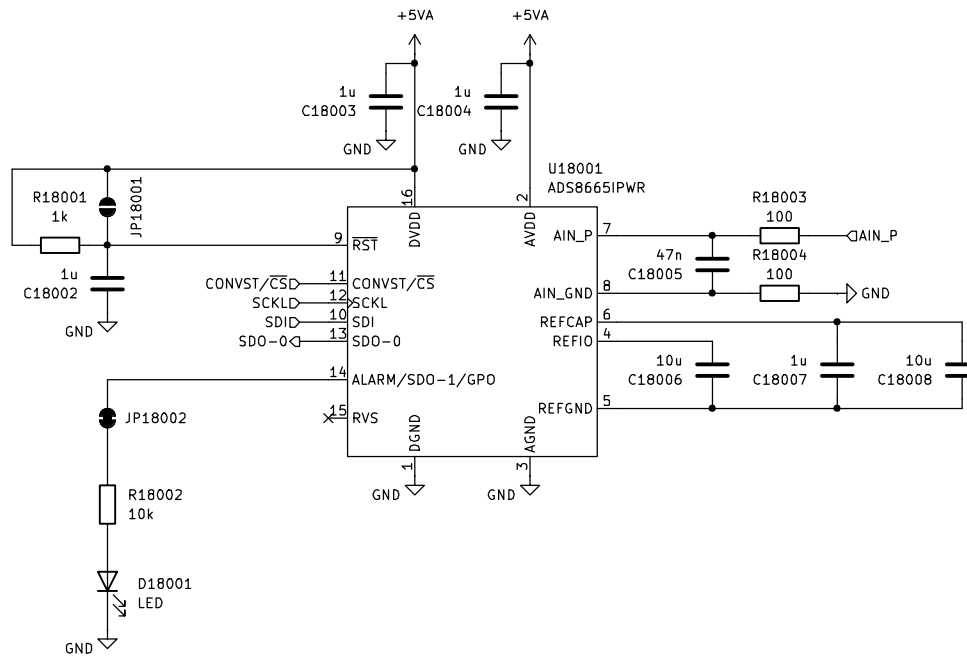
Analog Digital Converter
Open Battery Tester

Sheet: /adc/
 File: adc.kicad_sch

Title: Power Supply Sink

Size: A4	Date: 2024-12-02	Rev: 0.10.1
KiCad E.D.A. 8.0.2		Id: 18/33



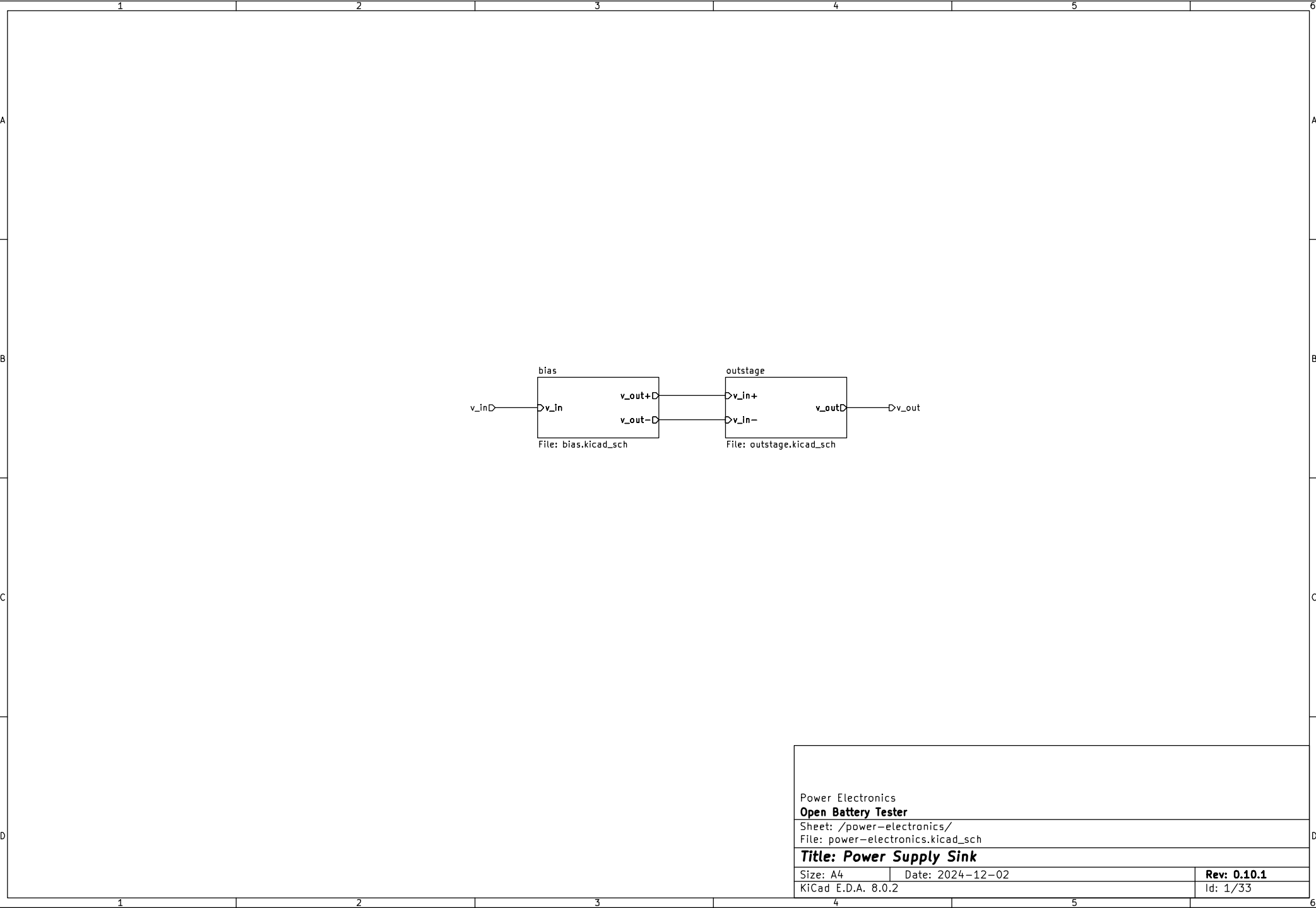


Analog Digital Converter
Open Battery Tester

Sheet: /adc1/
 File: adc.kicad_sch

Title: Power Supply Sink

Size: A4	Date: 2024-12-02	Rev: 0.10.1
KiCad E.D.A. 8.0.2		Id: 16/33



Power Electronics

Open Battery Tester

Sheet: /power-electronics/

File: power-electronics.kicad_sch

Title: Power Supply Sink

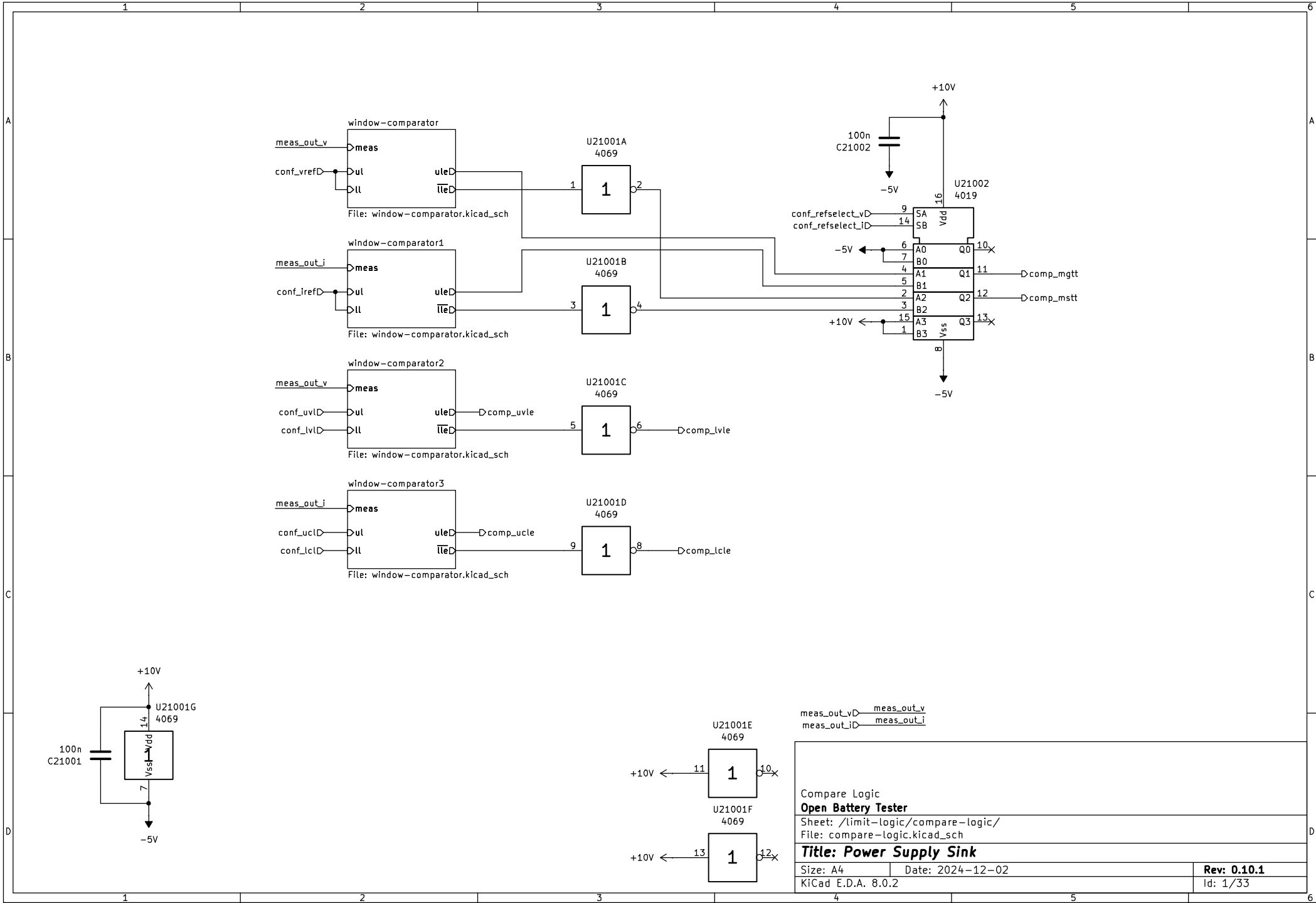
Size: A4

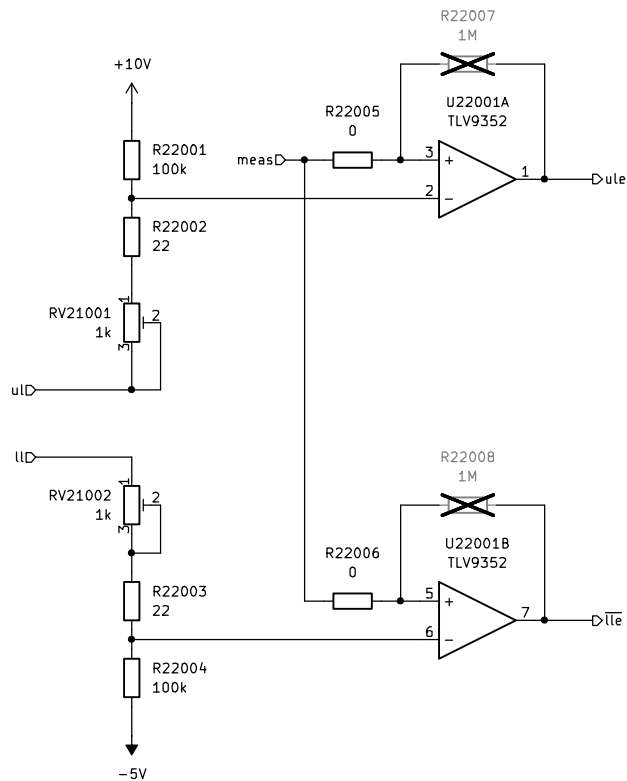
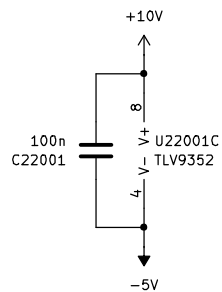
Date: 2024-12-02

Rev: 0.10.1

KiCad E.D.A. 8.0.2

Id: 1/33





Window-Comparator

Open Battery Tester

Sheet: /limit-logic/compare-logic/window-comparator/

File: window-comparator.kicad_sch

Title: Power Supply Sink

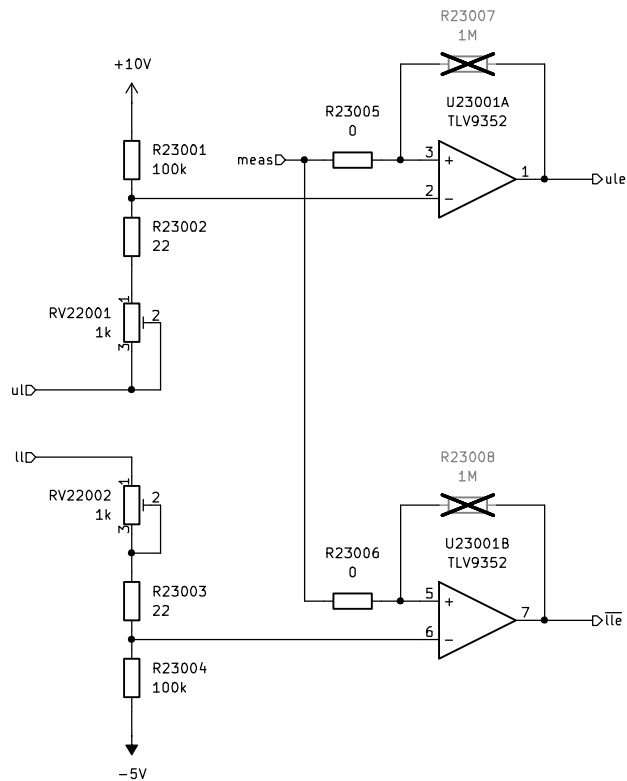
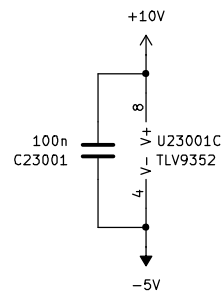
Size: A4

Date: 2024-12-02

Rev: 0.10.1

KiCad E.D.A. 8.0.2

Id: 0/33



Window-Comparator

Open Battery Tester

Sheet: /limit-logic/compare-logic/window-comparator1/

File: window-comparator.kicad_sch

Title: Power Supply Sink

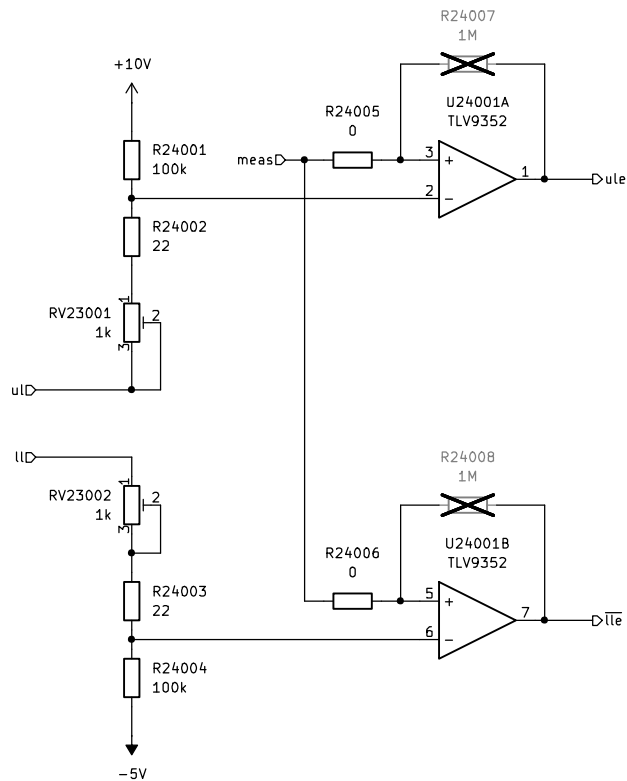
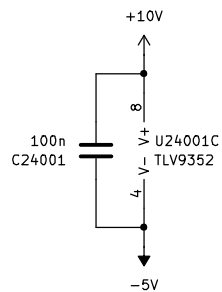
Size: A4

Date: 2024-12-02

Rev: 0.10.1

KiCad E.D.A. 8.0.2

Id: 22/33



Window-Comparator

Open Battery Tester

Sheet: /limit-logic/compare-logic/window-comparator2/

File: window-comparator.kicad_sch

Title: Power Supply Sink

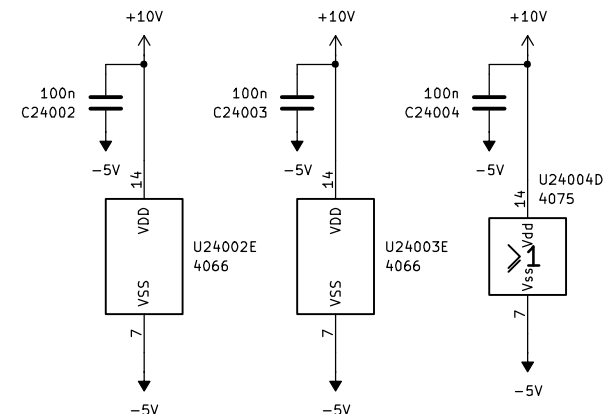
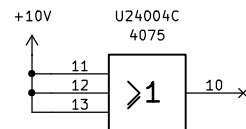
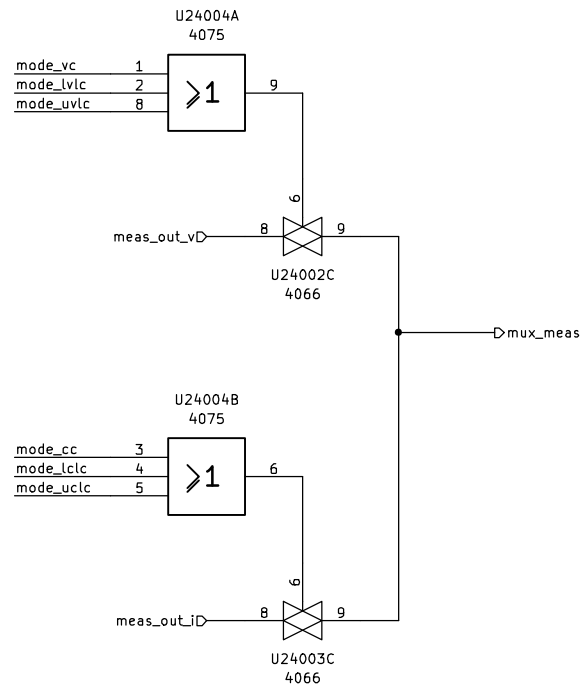
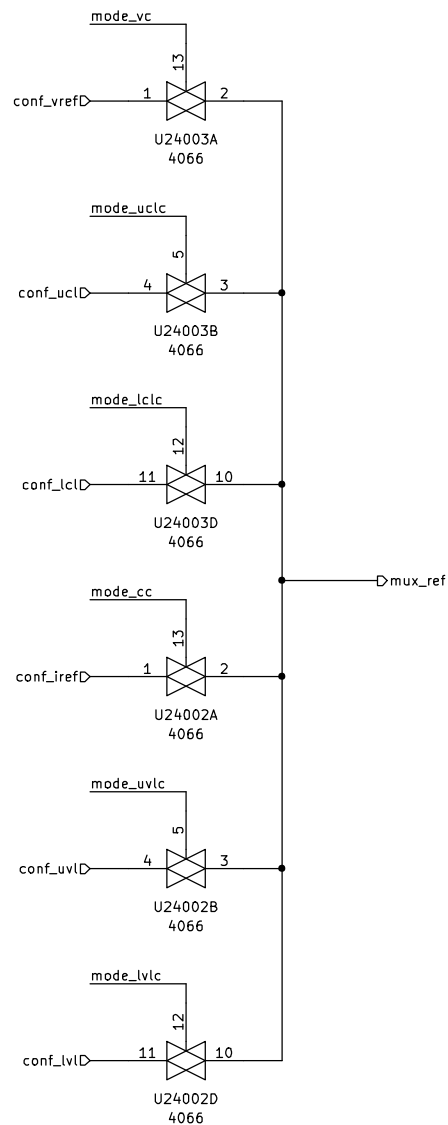
Size: A4

Date: 2024-12-02

Rev: 0.10.1

KiCad E.D.A. 8.0.2

Id: 23/33



mode_vxD mode_vc
mode_lclxD mode_lclc
mode_uclxD mode_uclc
mode_ccxD mode_cc
mode_lvclxD mode_lvlc
mode_uvclxD mode_uvlc

Multiplexer Open Battery Tester

Sheet: /mux/
File: mux.kicad_sch

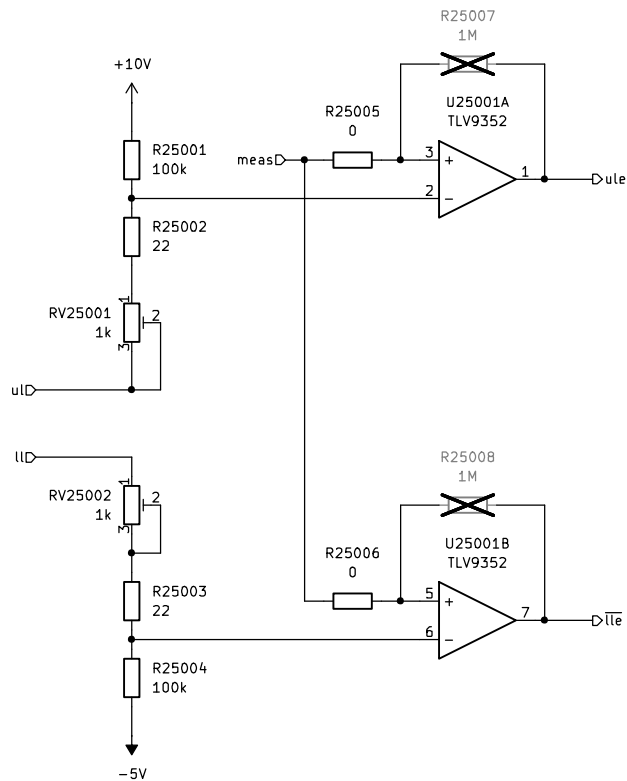
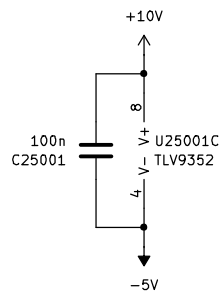
Title: Power Supply Sink

Size: A4
KiCad E.D.A. 8.0.2

Date: 2024-12-02

Rev: 0.10.1

Id: 1/33



Window-Comparator

Open Battery Tester

Sheet: /limit-logic/compare-logic/window-comparator3/

File: window-comparator.kicad_sch

Title: Power Supply Sink

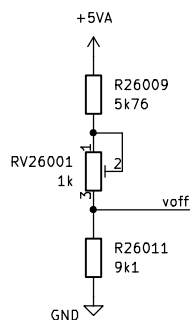
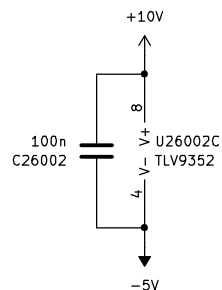
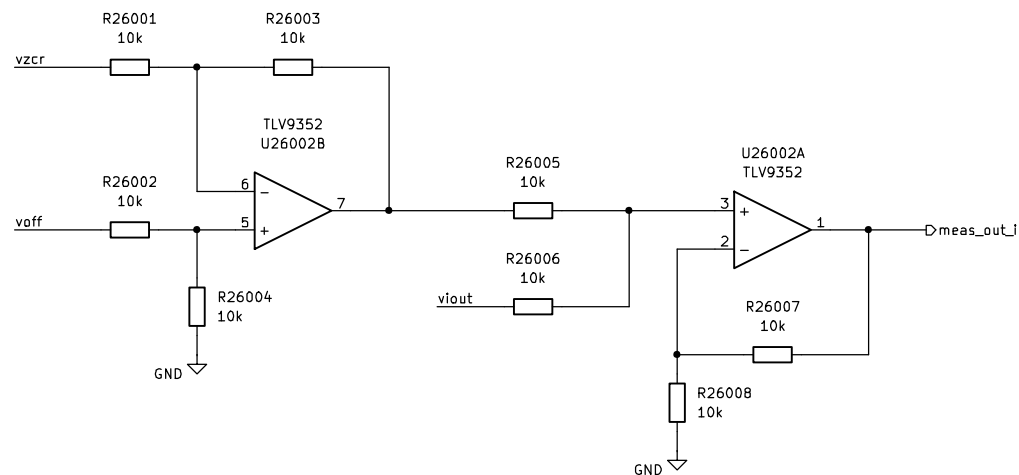
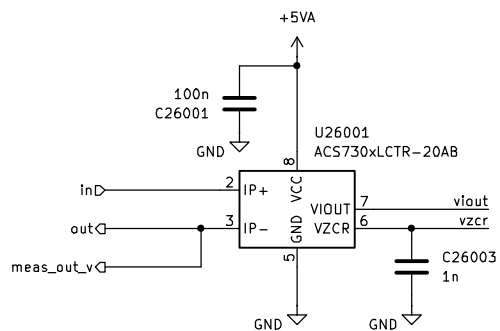
Size: A4

Date: 2024-12-02

Rev: 0.10.1

KiCad E.D.A. 8.0.2

Id: 24/33



Measurement

Open Battery Tester

Sheet: /measurement/

File: measurement.kicad_sch

Title: Power Supply Sink

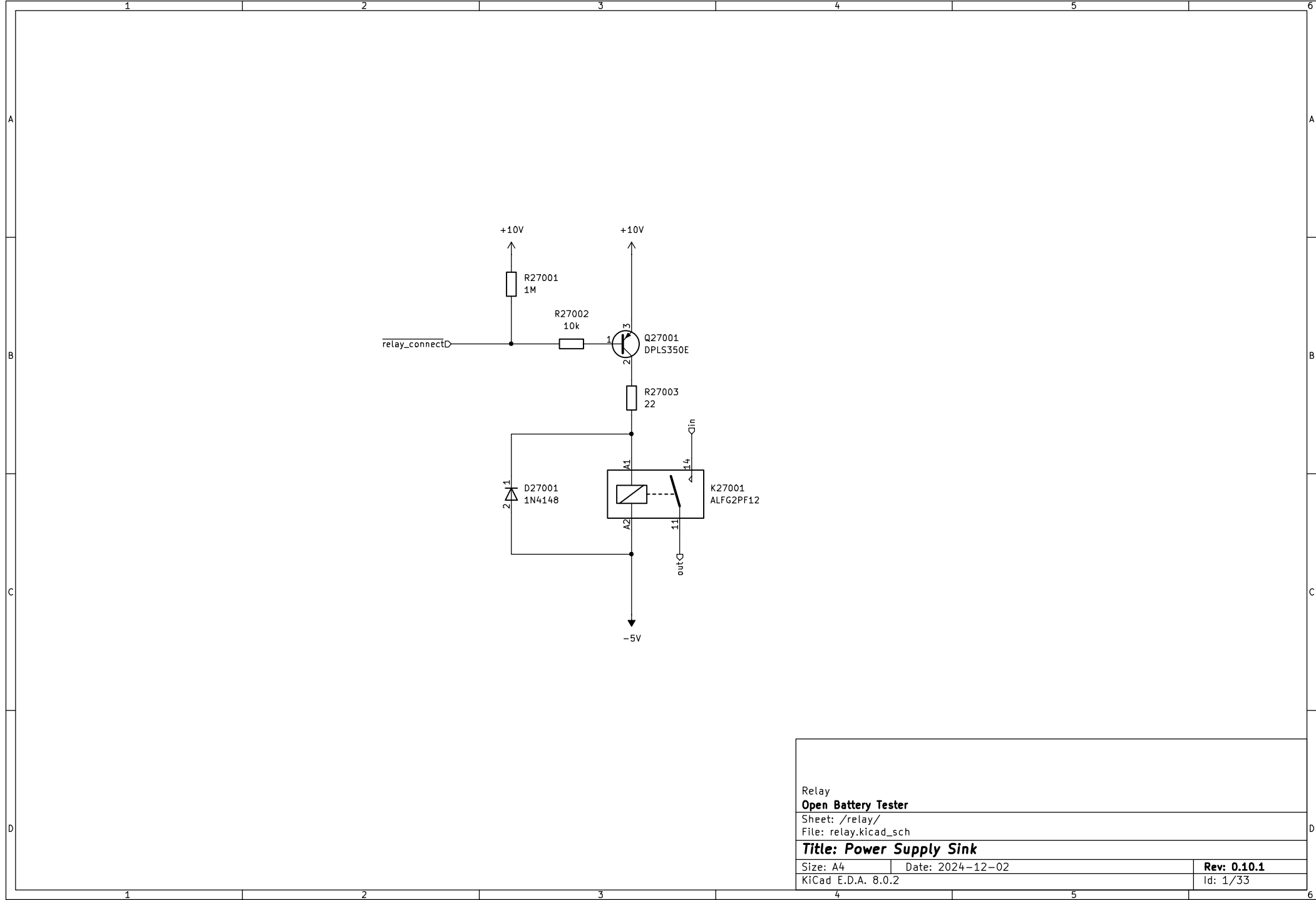
Size: A4

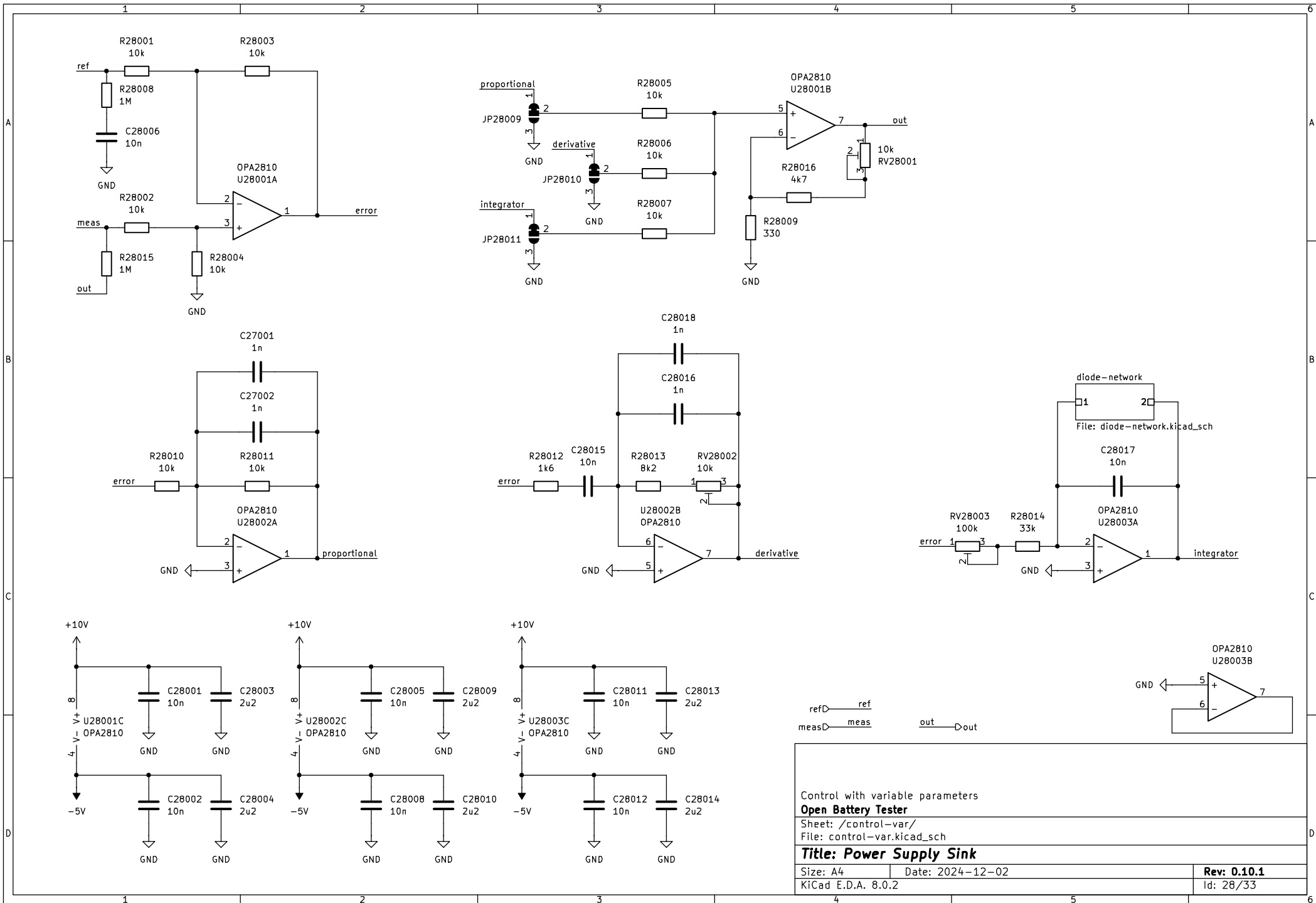
Date: 2024-12-02

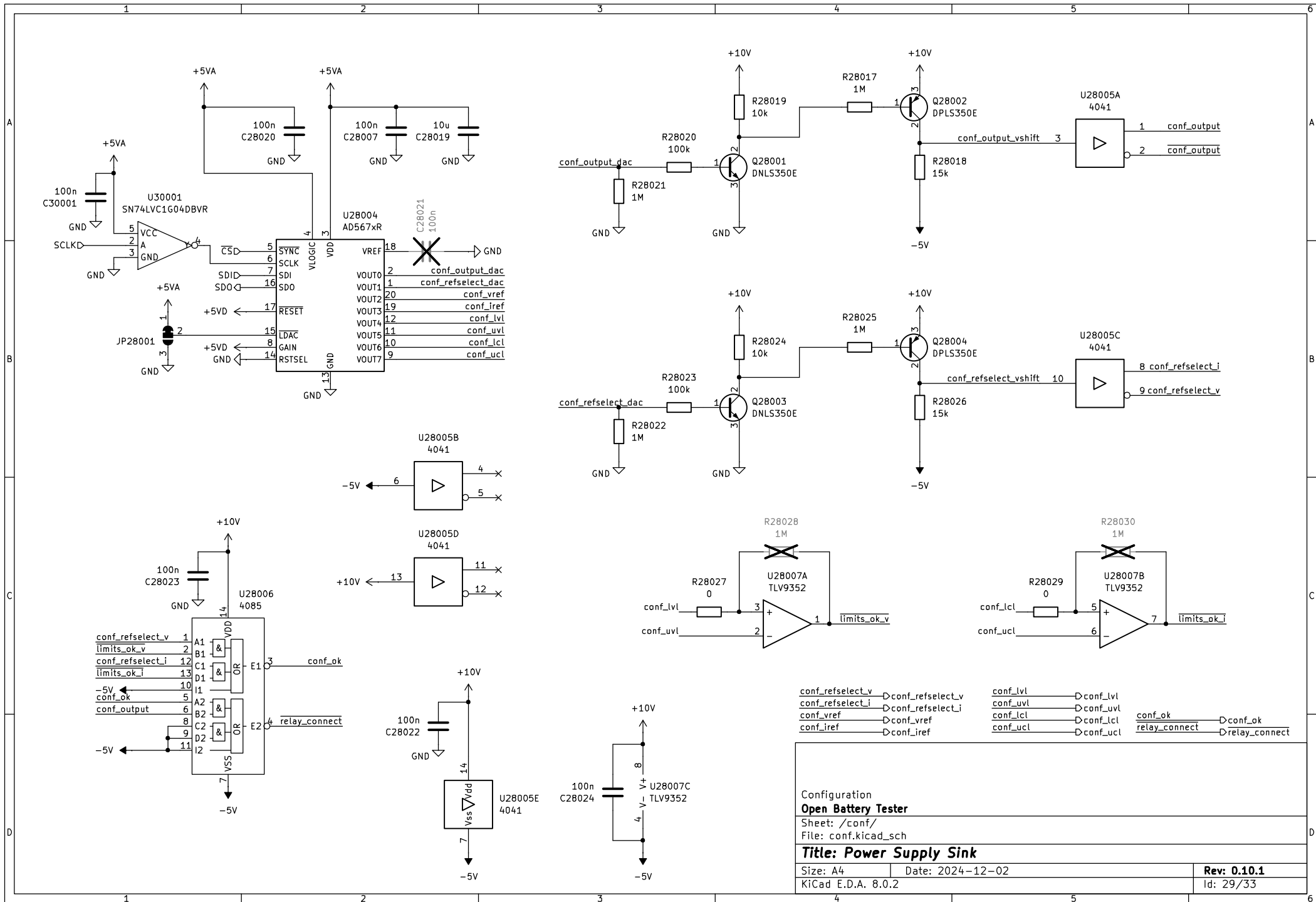
Rev: 0.10.1

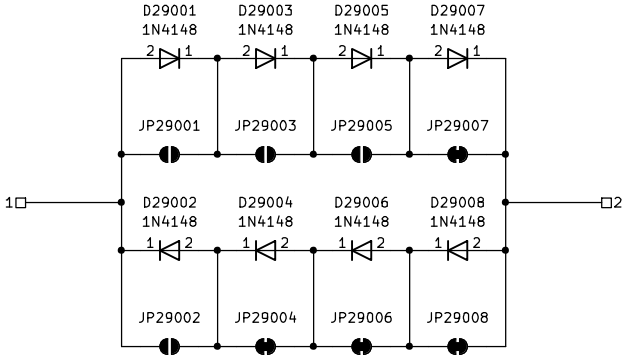
KiCad E.D.A. 8.0.2

Id: 1/33







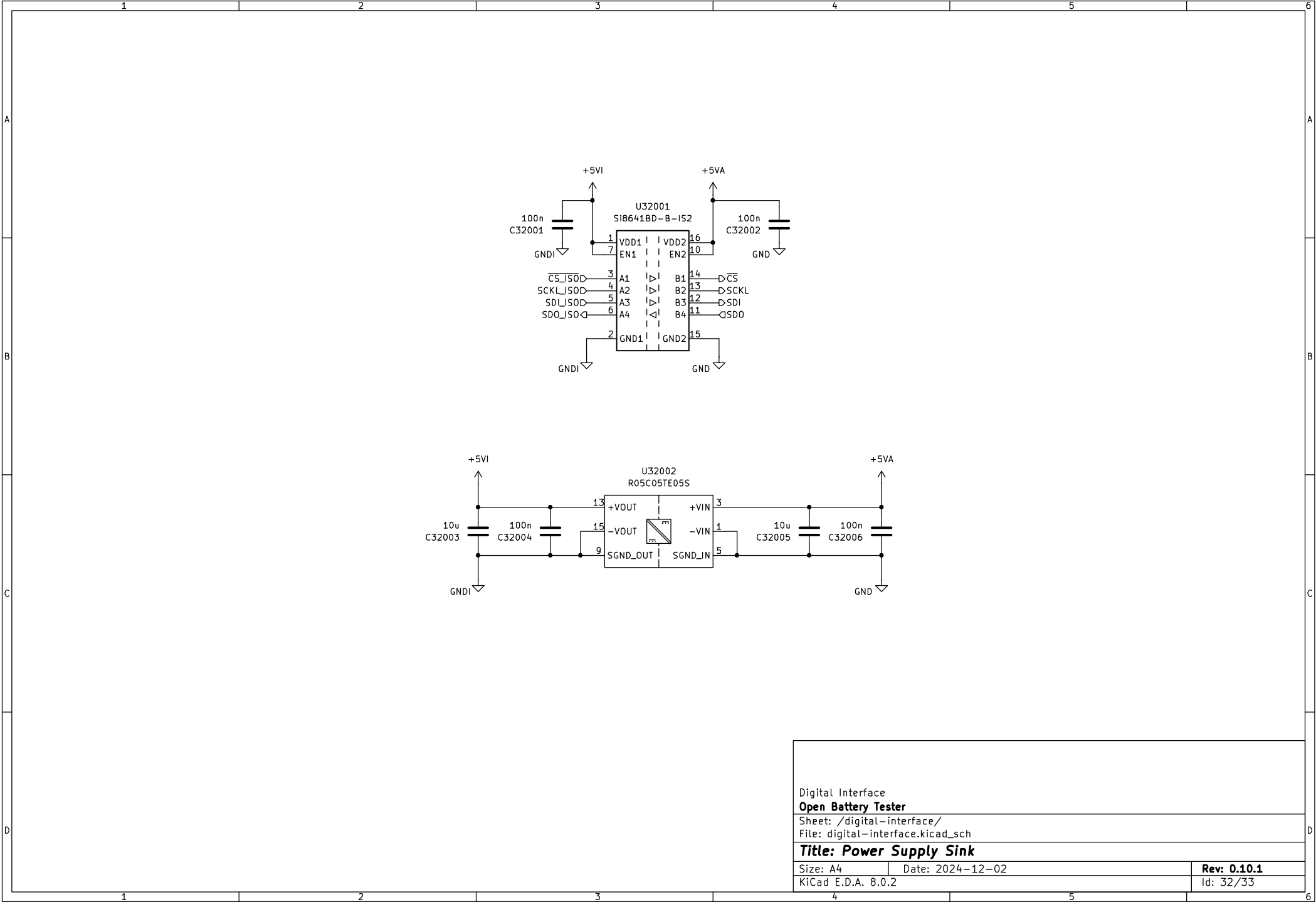


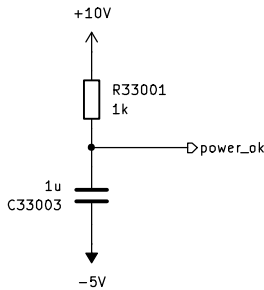
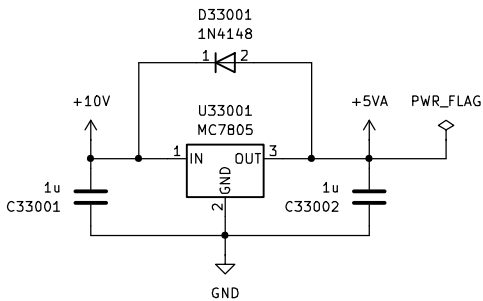
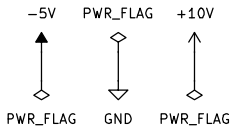
Open Battery Tester

Sheet: /control-var/diode-network/
File: diode-network.kicad_sch

Title: Power Supply Sink

Size: A4	Date: 2024-12-02	Rev: 0.10.1
KiCad E.D.A. 8.0.2		Id: 1/33





Power
Open Battery Tester

Sheet: /power/
File: power.kicad_sch

Title: Power Supply Sink

Size: A4	Date: 2024-12-02	Rev: 0.10.1
KiCad E.D.A. 8.0.2		Id: 33/33