

Diagram illustrating the power supply sink configuration for the Open Battery Tester.

The diagram shows four input voltage sources connected to the power supply sink:

- 5V (PWR_FLAG)
- GND (PWR_FLAG)
- +10V (PWR_FLAG)
- +24V (PWR_FLAG)

The power supply sink is represented by a block labeled "power-electronics". It has two main output ports:

- v_in
- v_out

The power supply sink is connected to the control logic block, which is labeled "control". The control logic block has two main output ports:

- ref
- meas

The control logic block is connected to the limit logic block, which is labeled "limit-logic". The limit logic block has two main output ports:

- power_ok
- conf_ok

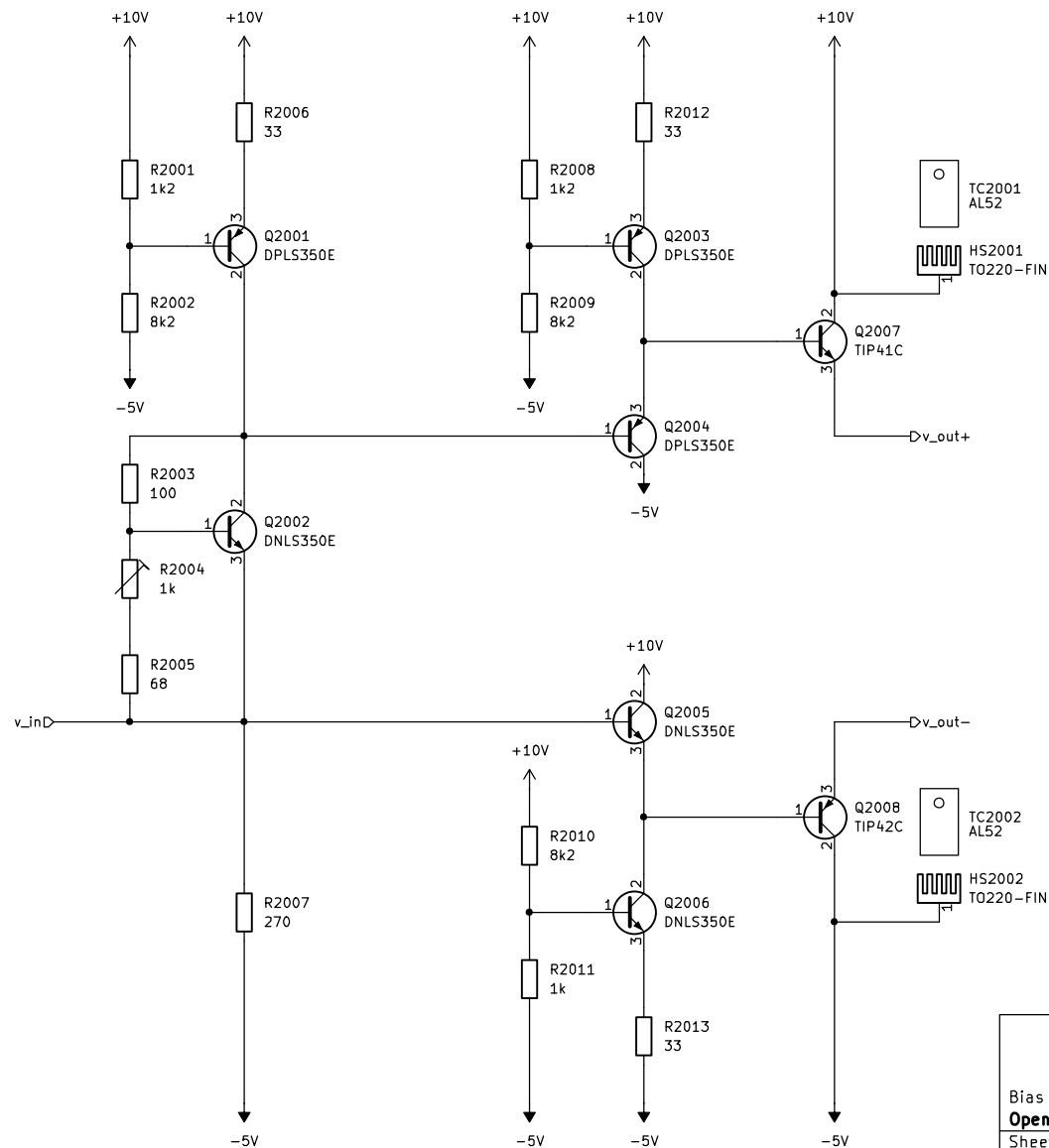
The limit logic block is connected to the power-electronics block via the v_in and v_out ports.

File: control.kicad_sch

File: power-electronics.kicad_sch

File: limit-logic.kicad_sch

Overview		
Open Battery Tester		
Sheet: /		
File: pss.kicad_sch		
Title: Power Supply Sink		
Size: A4	Date: 2024-11-07	Rev: 0.5.3
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Bias Stage

Open Battery Tester

Sheet: /power-electronics/bias/

File: bias.kicad_sch

Title: Power Supply Sink

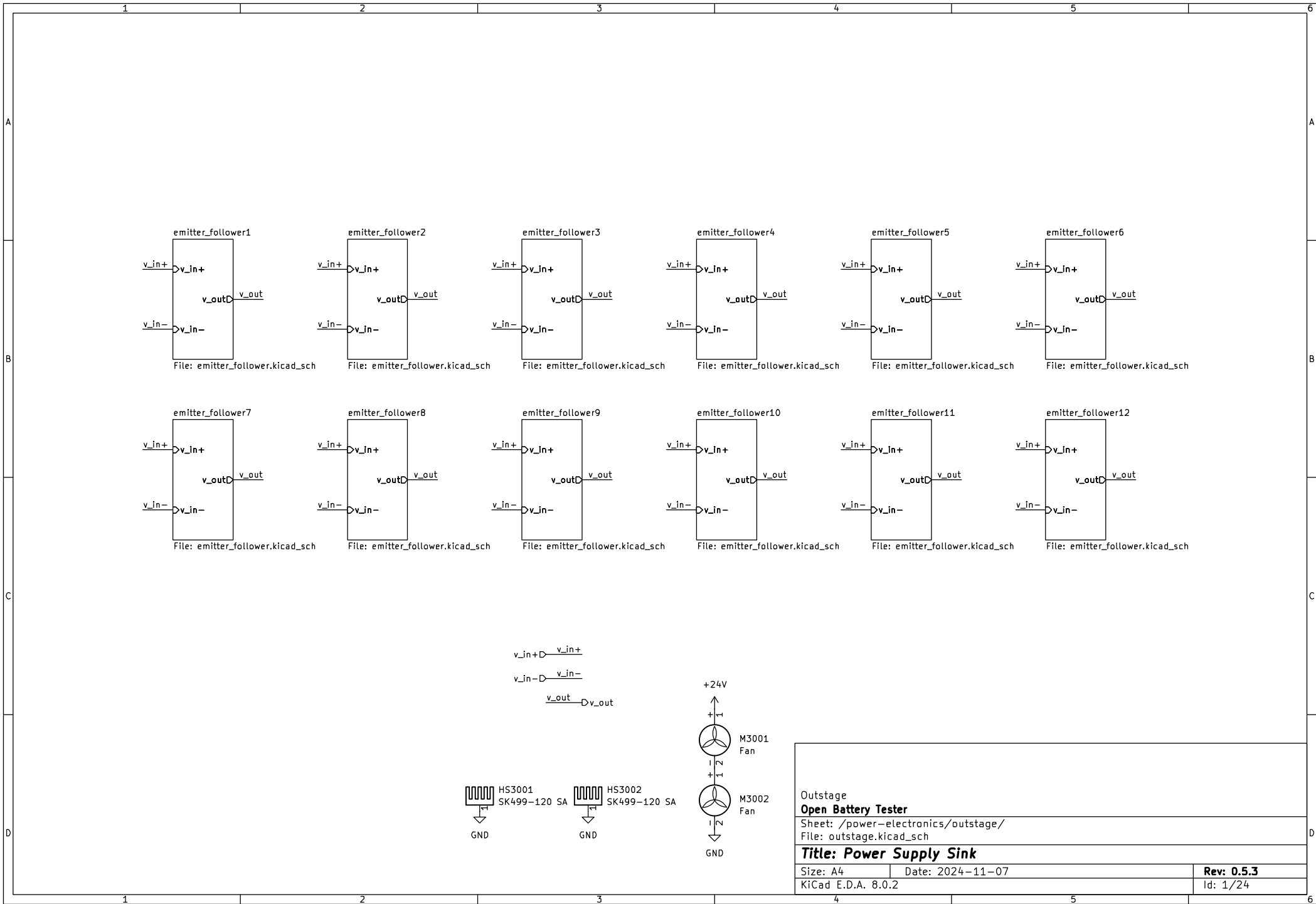
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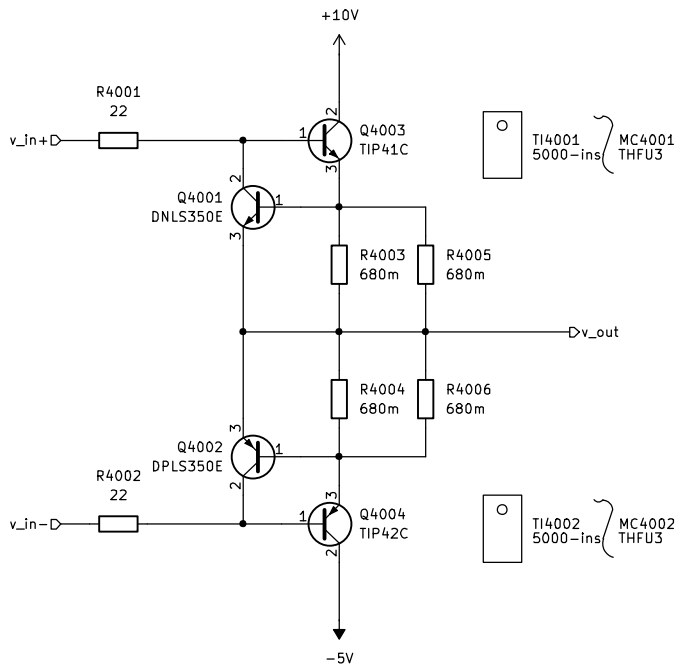
Date: 2024-11-07

Rev: 0.5.3

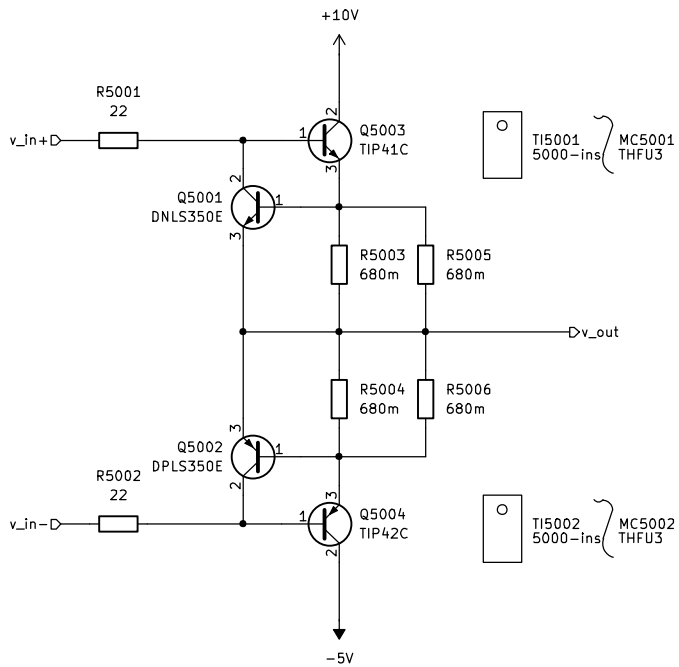
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Emitter Follower		
Open Battery Tester		
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Title: Power Supply Sink		
Size: A4	Date: 2024-11-07	Rev: 0.5.3
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Emitter Follower

Open Battery Tester

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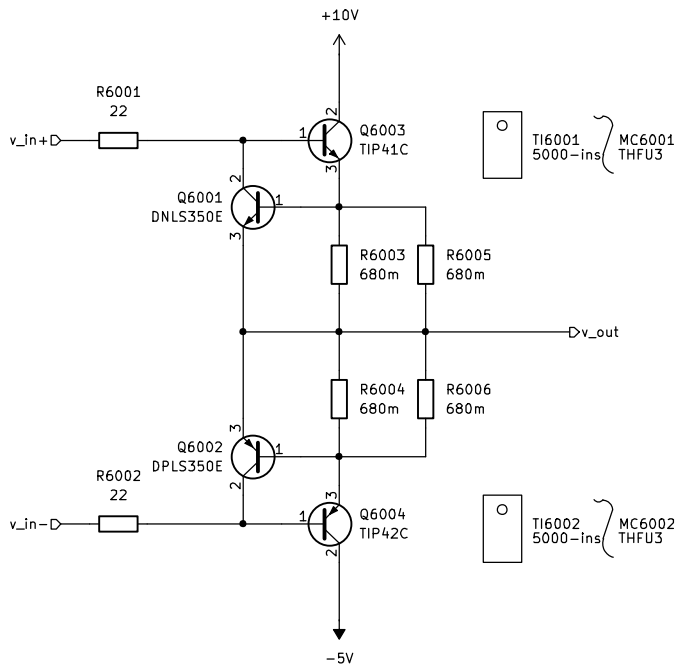
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Emitter Follower

Open Battery Tester

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File: emitter_follower.kicad_sch

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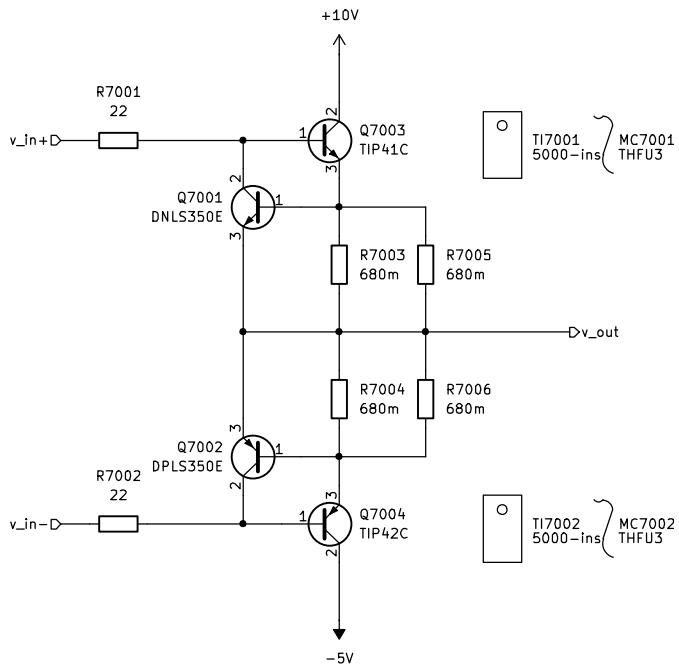
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Emitter Follower

Open Battery Tester

Sheet: /power-electronics/outstage/emitter_follower4/

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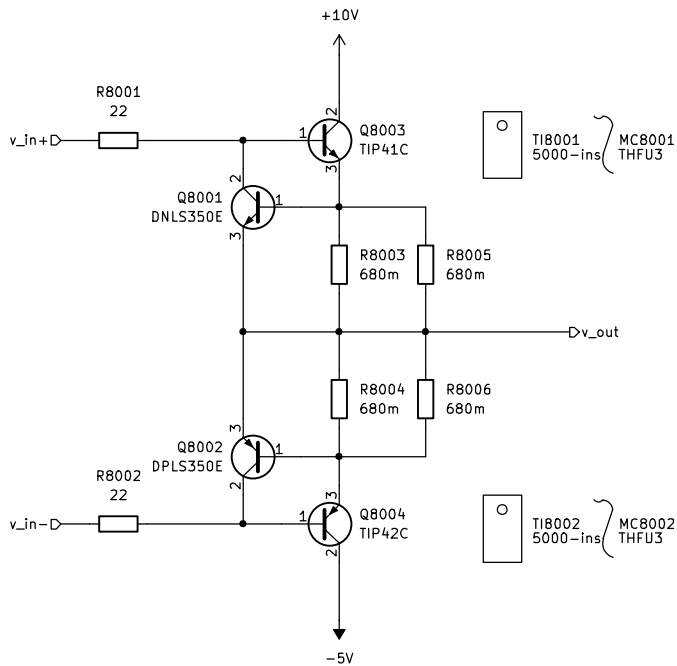
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Date: 2024-11-07

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Emitter Follower

Open Battery Tester

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File: emitter_follower.kicad_sch

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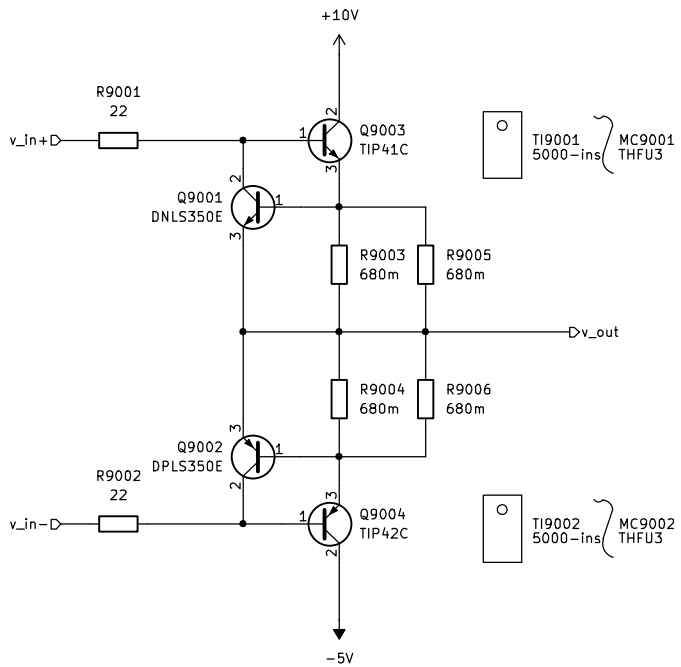
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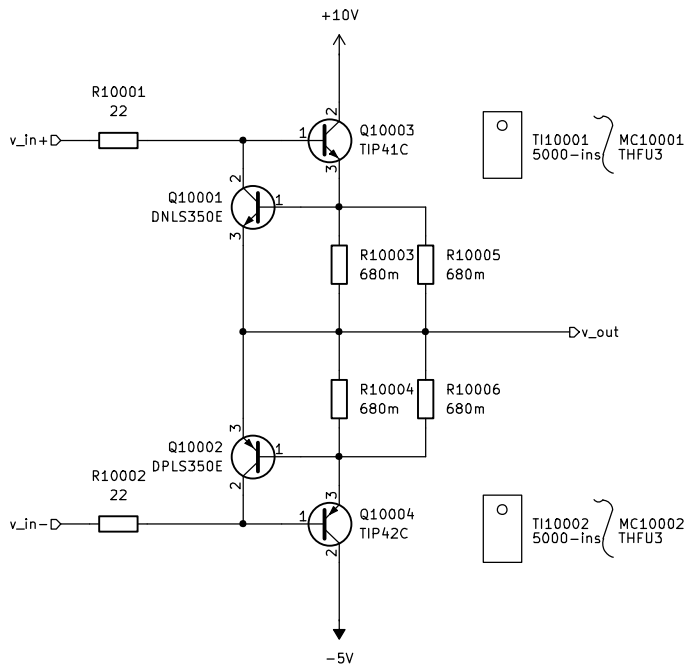
Rev: 0.5.3

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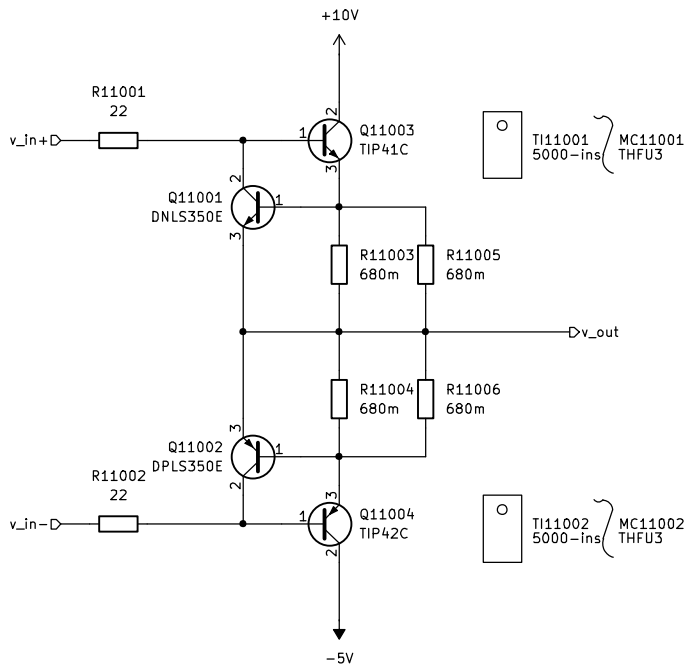
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Emitter Follower		
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Title: Power Supply Sink		
Size: A4	Date: 2024-11-07	Rev: 0.5.3
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Emitter Follower		
Open Battery Tester		
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Title: Power Supply Sink		
Size: A4	Date: 2024-11-07	Rev: 0.5.3
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Emitter Follower

Open Battery Tester

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File: emitter_follower.kicad_sch

Title: Power Supply Sink

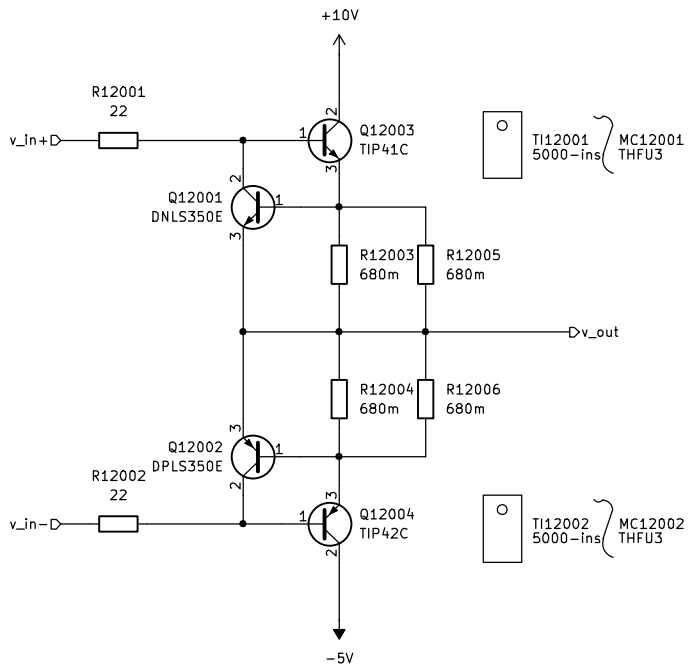
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Emitter Follower

Open Battery Tester

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Title: Power Supply Sink

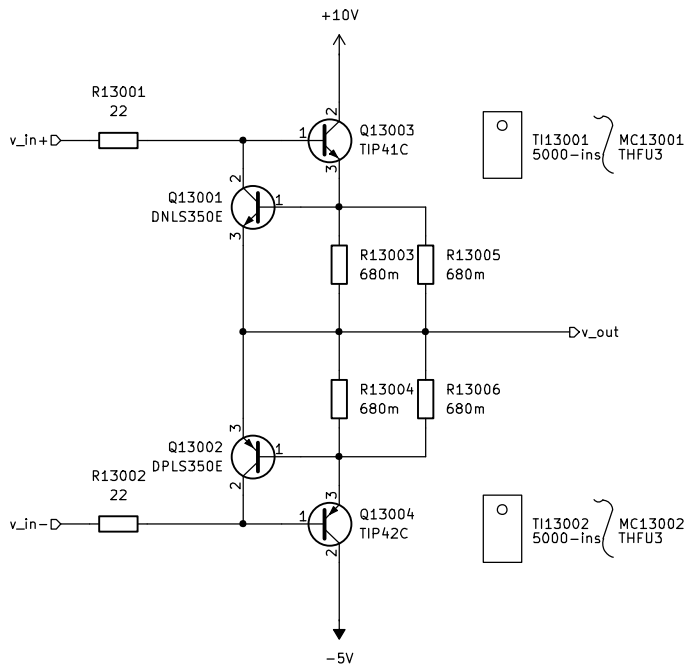
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Emitter Follower

Open Battery Tester

Sheet: /power-electronics/outstage/emitter_follower7/

File: emitter_follower.kicad_sch

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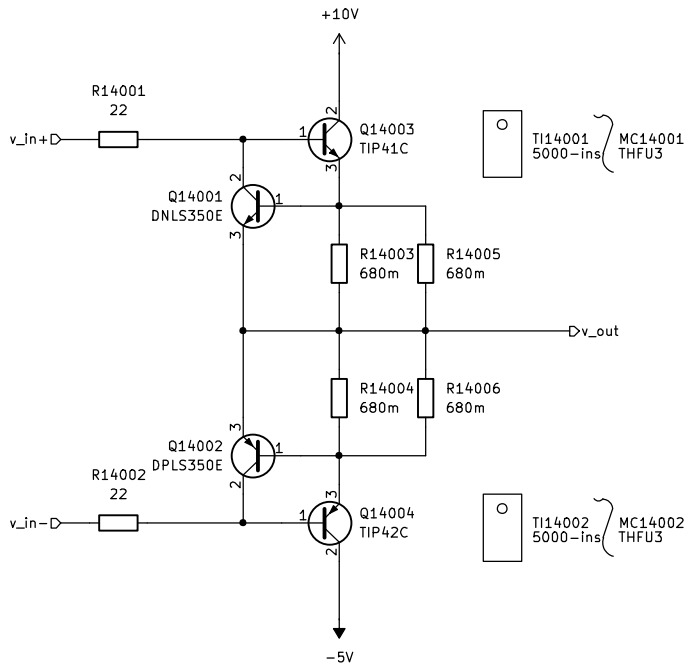
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Rev: 0.5.3

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Emitter Follower

Open Battery Tester

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File: emitter_follower.kicad_sch

Title: Power Supply Sink

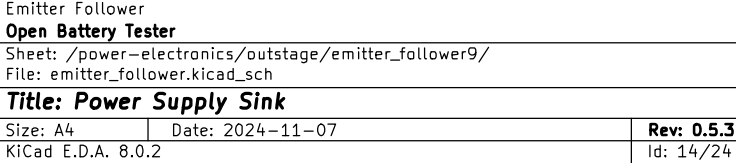
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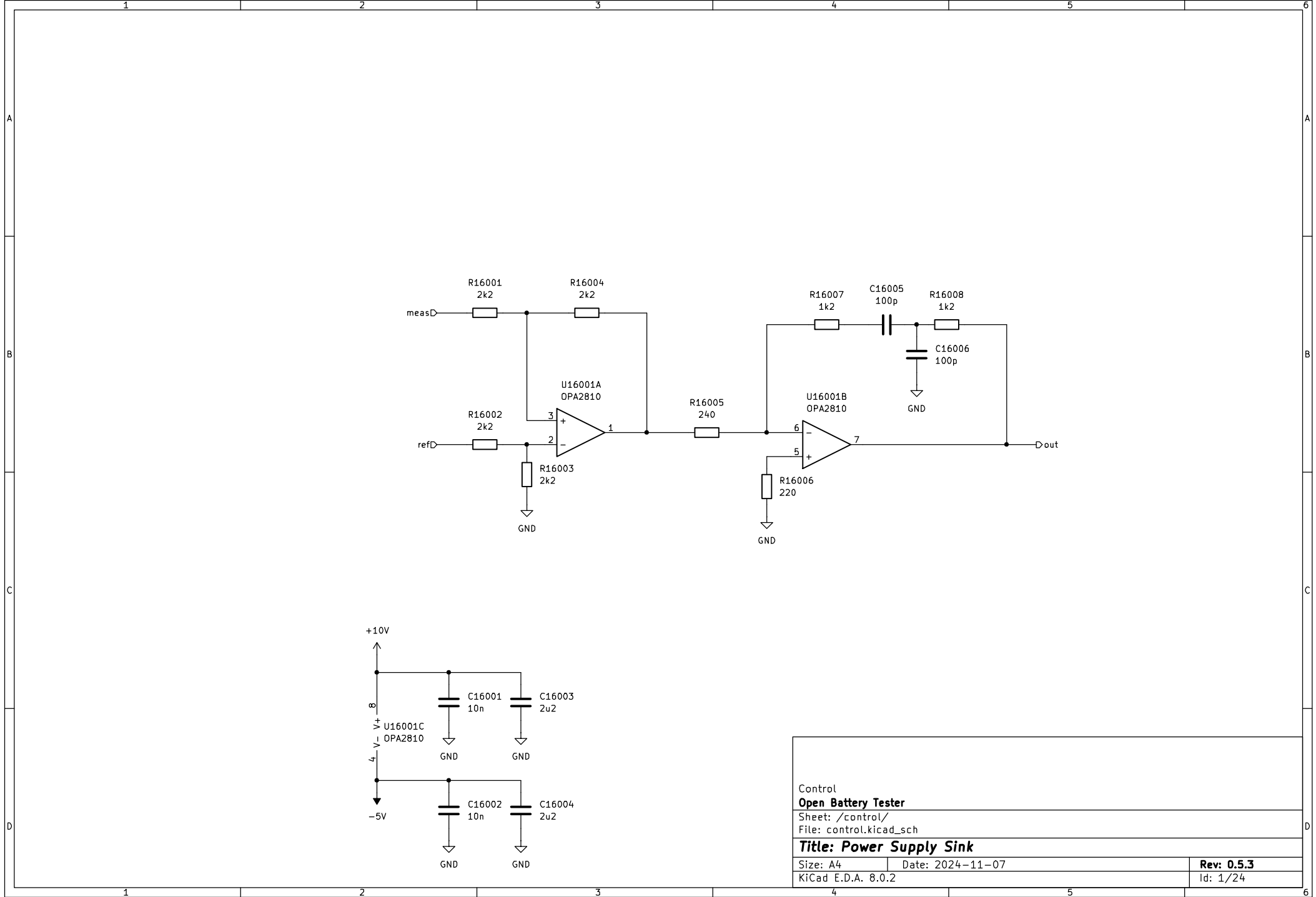
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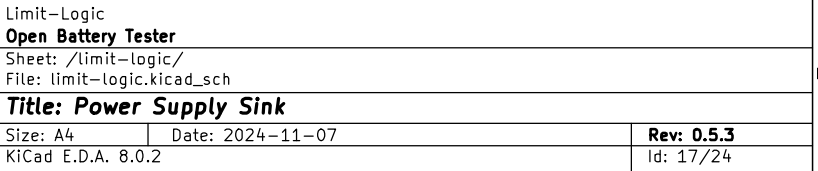
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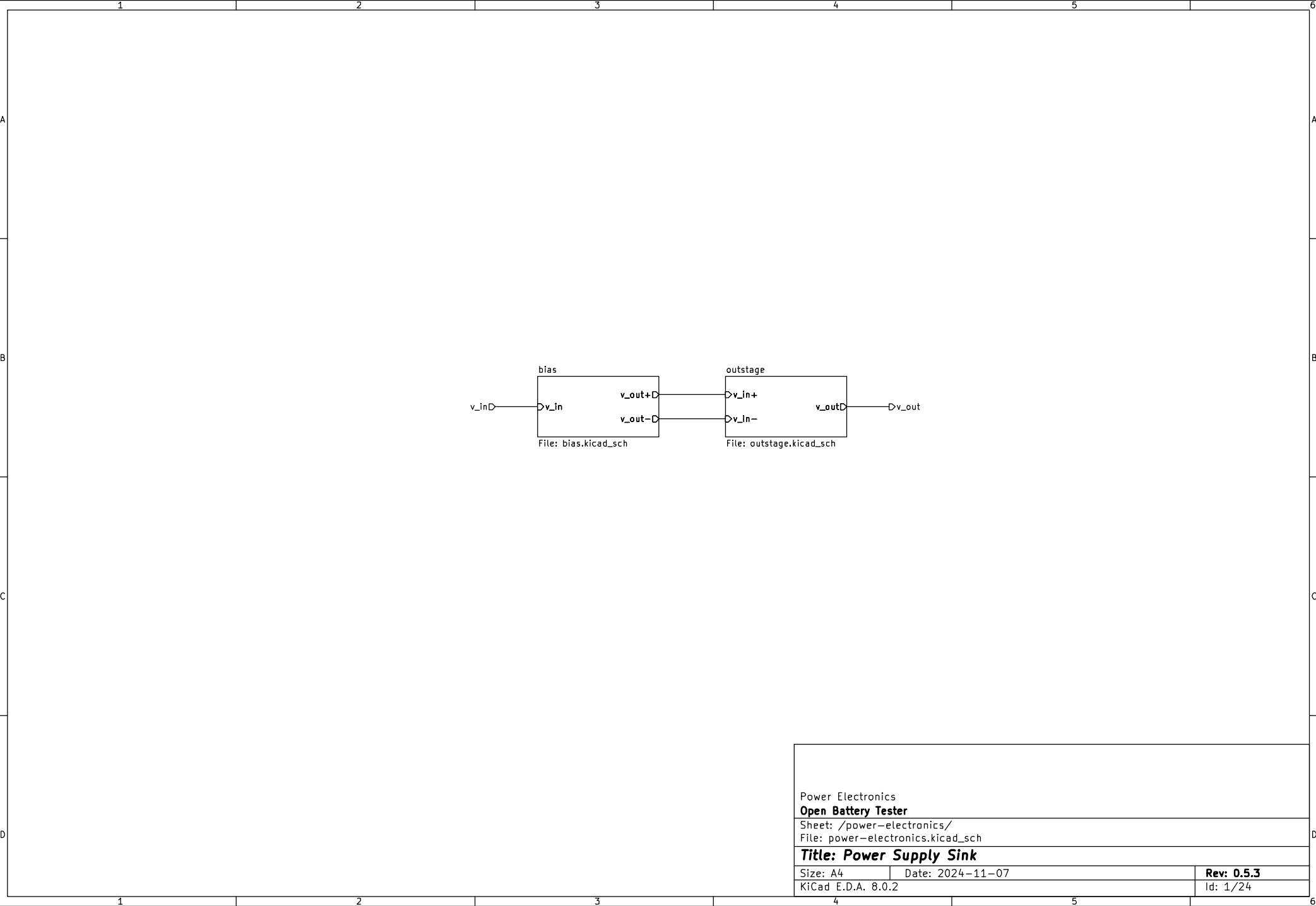
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Power Electronics

Open Battery Tester

Sheet: /power-electronics/

File: power-electronics.kicad_sch

Title: Power Supply Sink

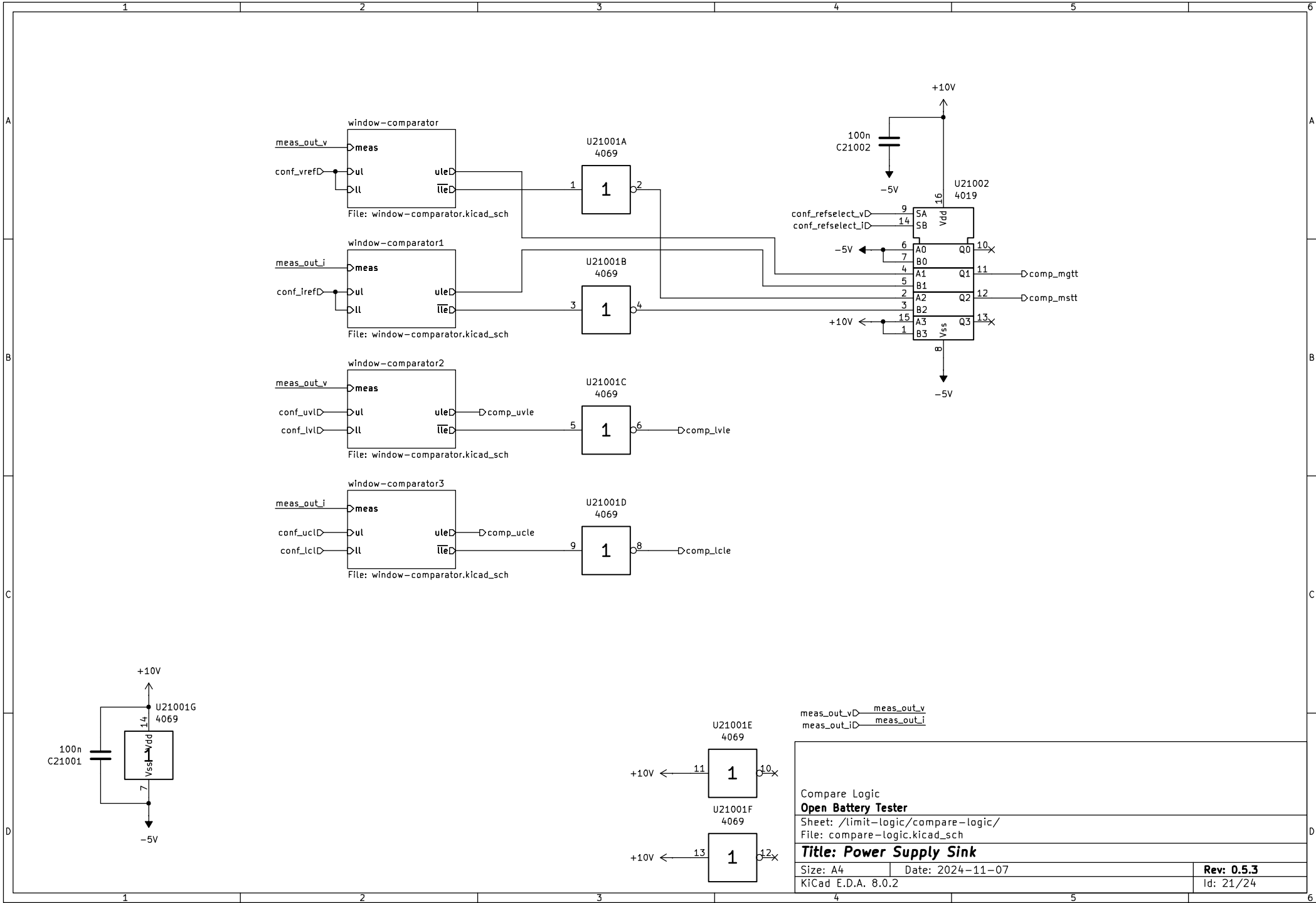
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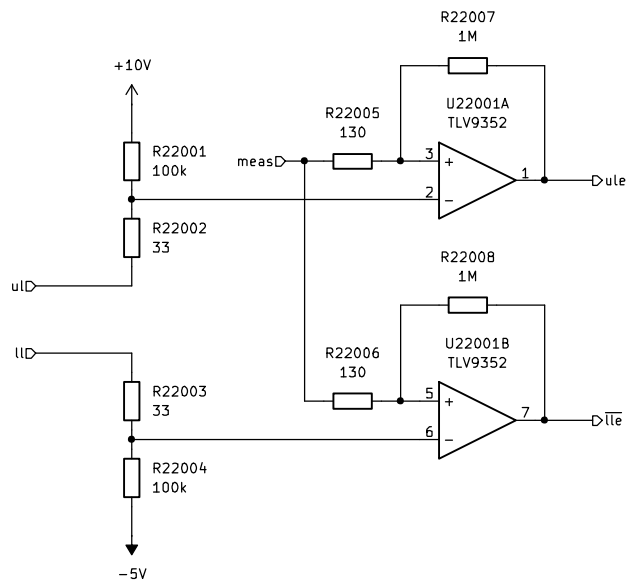
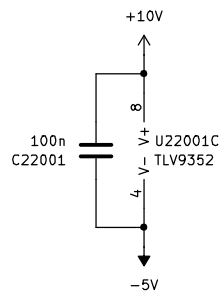
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Rev: 0.5.3

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Window-Comparator
Open Battery Tester

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File: window-comparator.kicad_sch

Title: Power Supply Sink

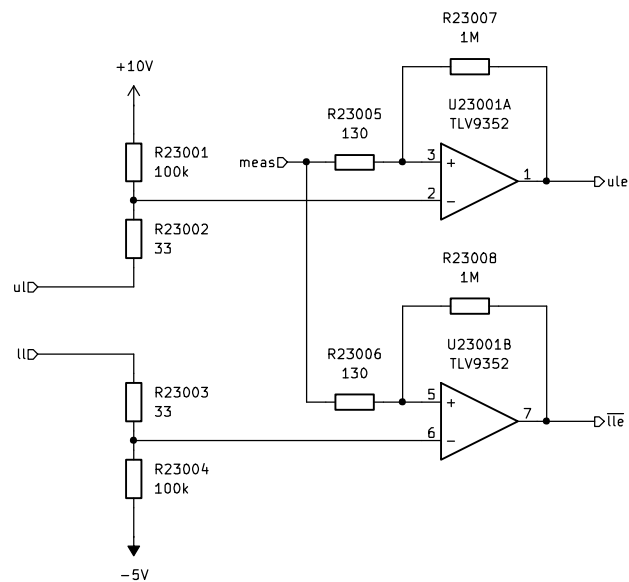
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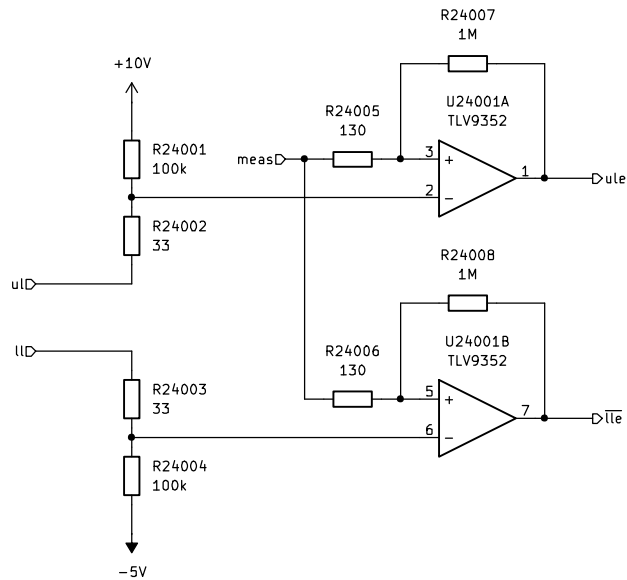
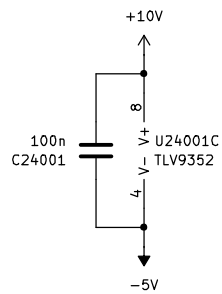
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Window-Comparator
Open Battery Tester

Sheet: /limit-logic/compare-logic/window-comparator2/
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Title: Power Supply Sink

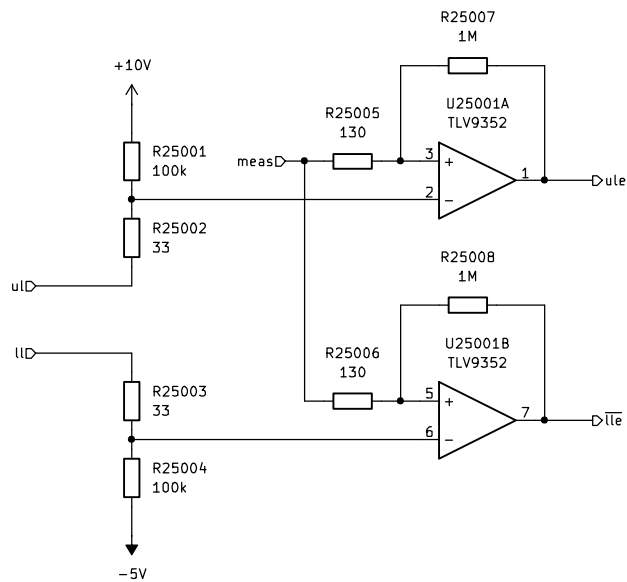
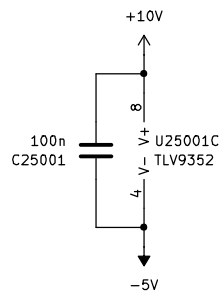
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Date: 2024-11-07

Rev: 0.5.3

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Window-Comparator
Open Battery Tester

Sheet: /limit-logic/compare-logic/window-comparator3/
File: window-comparator.kicad_sch

Title: Power Supply Sink

Size: A4

Date: 2024-11-07

Rev: 0.5.3

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