

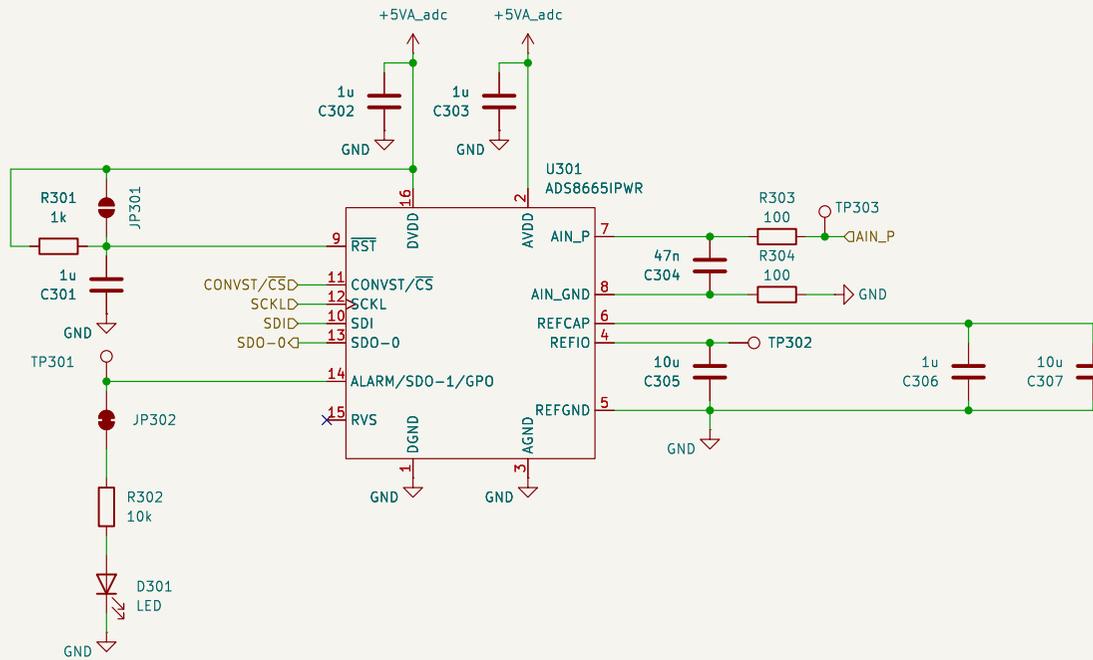
Analog Digital Converter
Open Battery Tester

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 File: adc.kicad_sch

Title: Power Supply Sink

Size: A4 Date: 2024-12-14
 KiCad E.D.A. 9.0.0

Rev: 1.0.0
 Id: 2/35



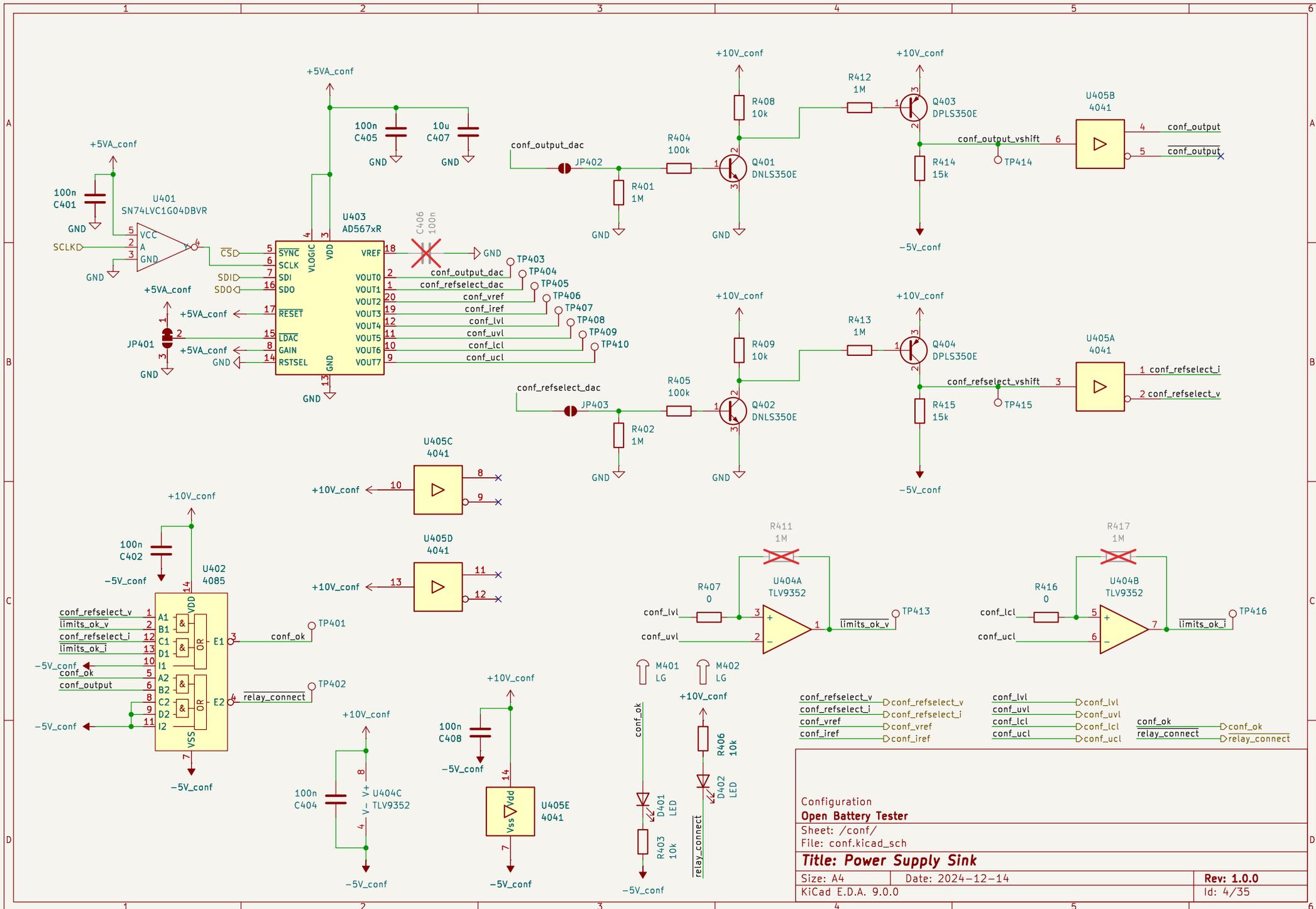
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Open Battery Tester

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Title: Power Supply Sink

Size: A4 Date: 2024-12-14
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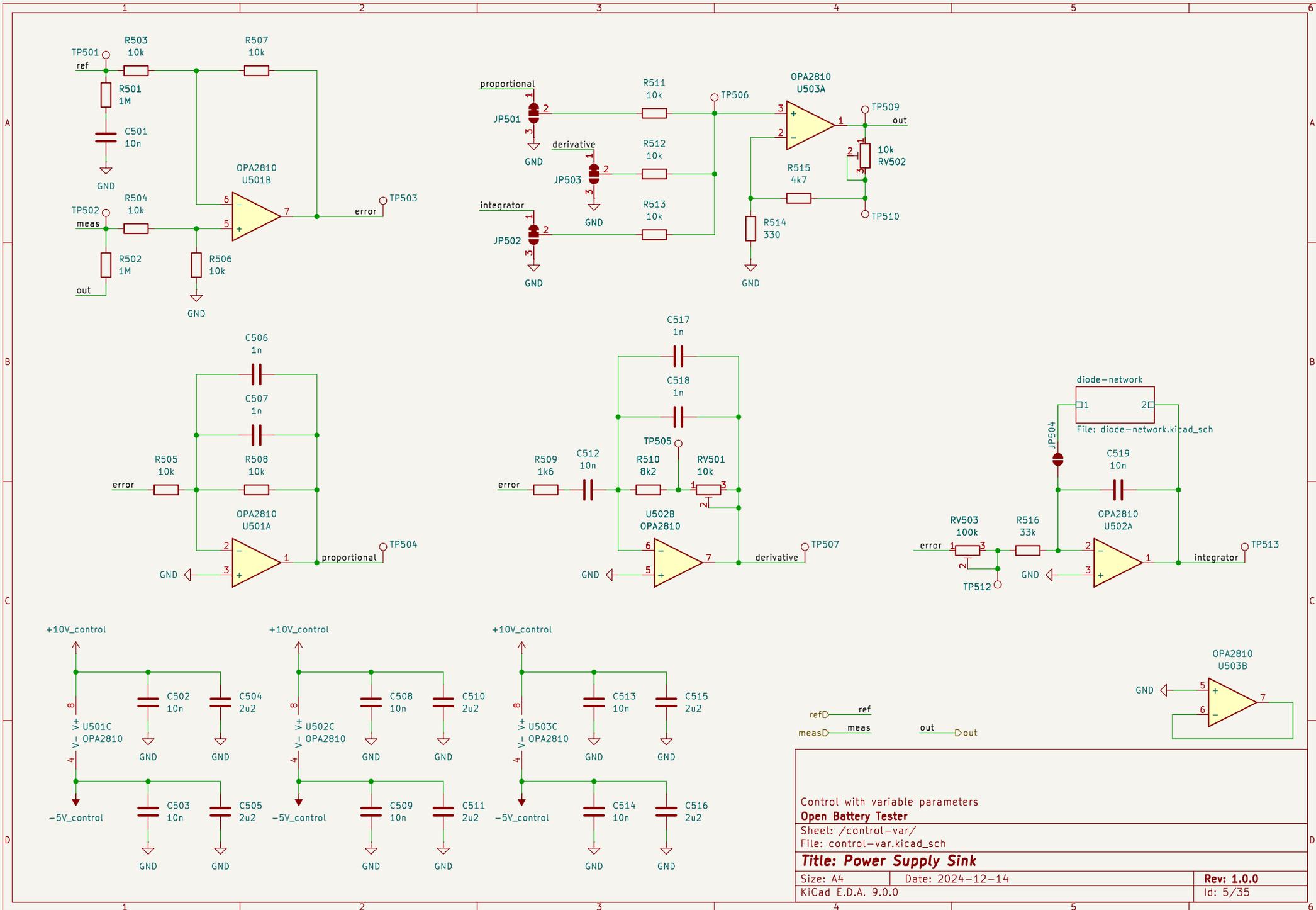
Rev: 1.0.0
 Id: 3/35

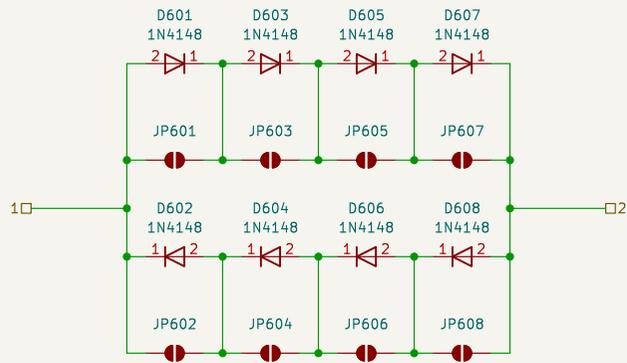


- conf_refselect_v > conf_refselect_v
- conf_refselect_i > conf_refselect_i
- conf_vref > conf_vref
- conf_lcl > conf_lcl
- conf_ucl > conf_ucl
- conf_lvl > conf_lvl
- conf_uvll > conf_uvll
- conf_lcl > conf_lcl
- conf_ucl > conf_ucl
- conf_ok > conf_ok
- relay_connect > relay_connect

Configuration
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Size: A4	Date: 2024-12-14
KiCad E.D.A. 9.0.0	Rev: 1.0.0
	Id: 4/35



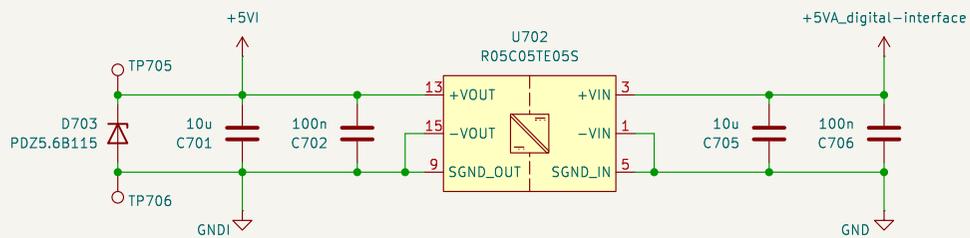
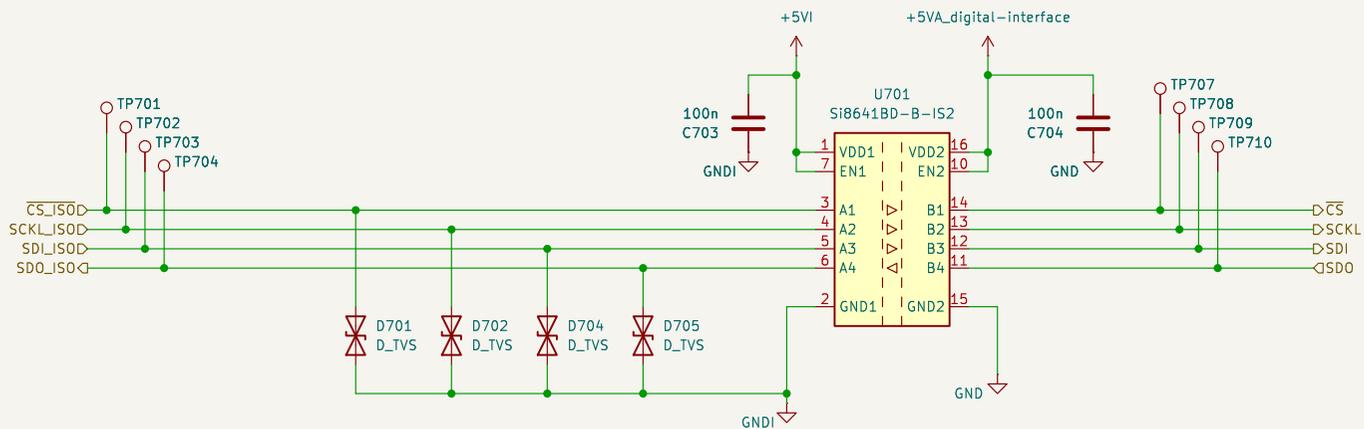


Open Battery Tester

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Title: Power Supply Sink

Size: A4	Date: 2024-12-14	Rev: 1.0.0
KiCad E.D.A. 9.0.0		Id: 6/35



Digital Interface

Open Battery Tester

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File: digital-interface.kicad_sch

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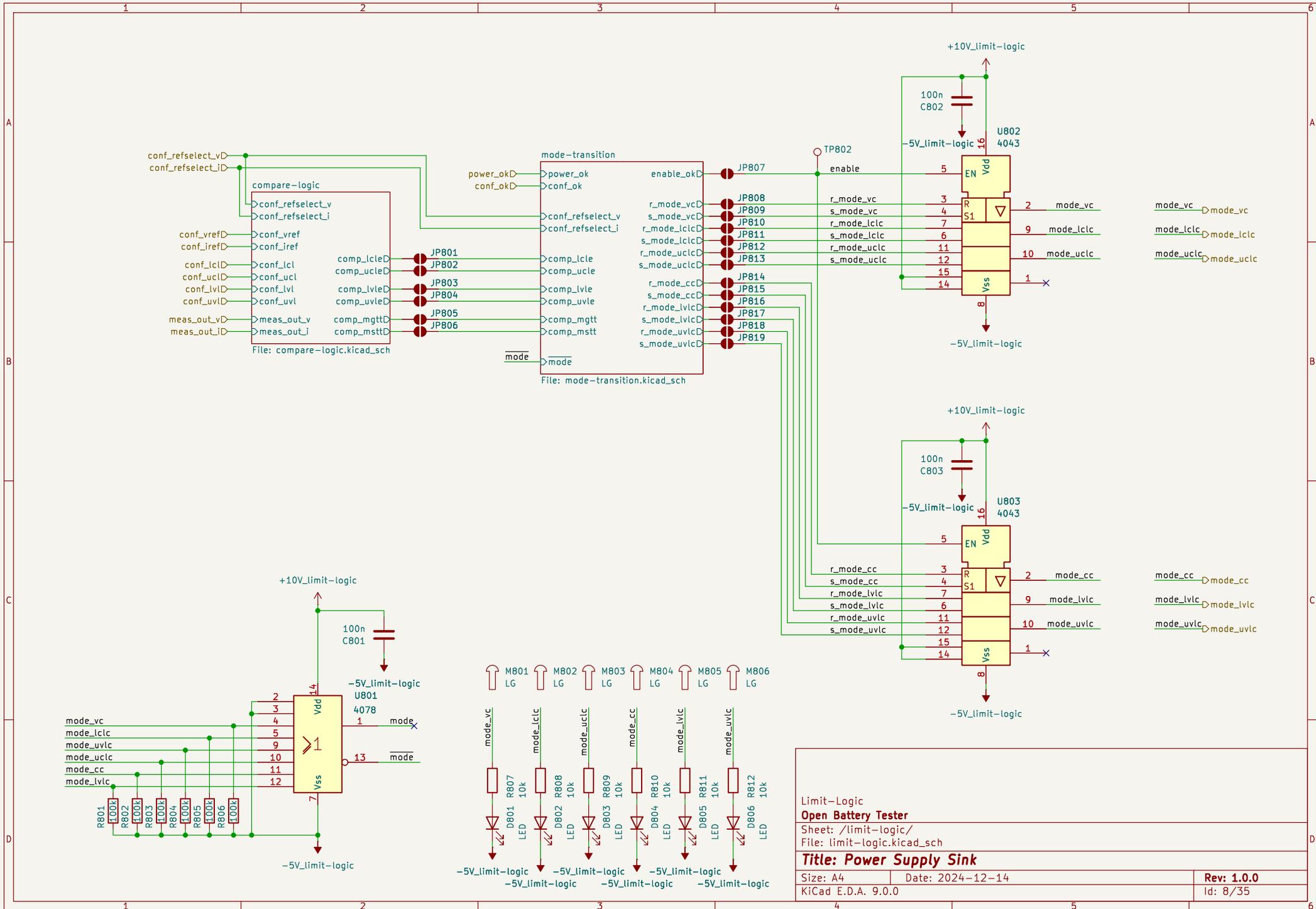
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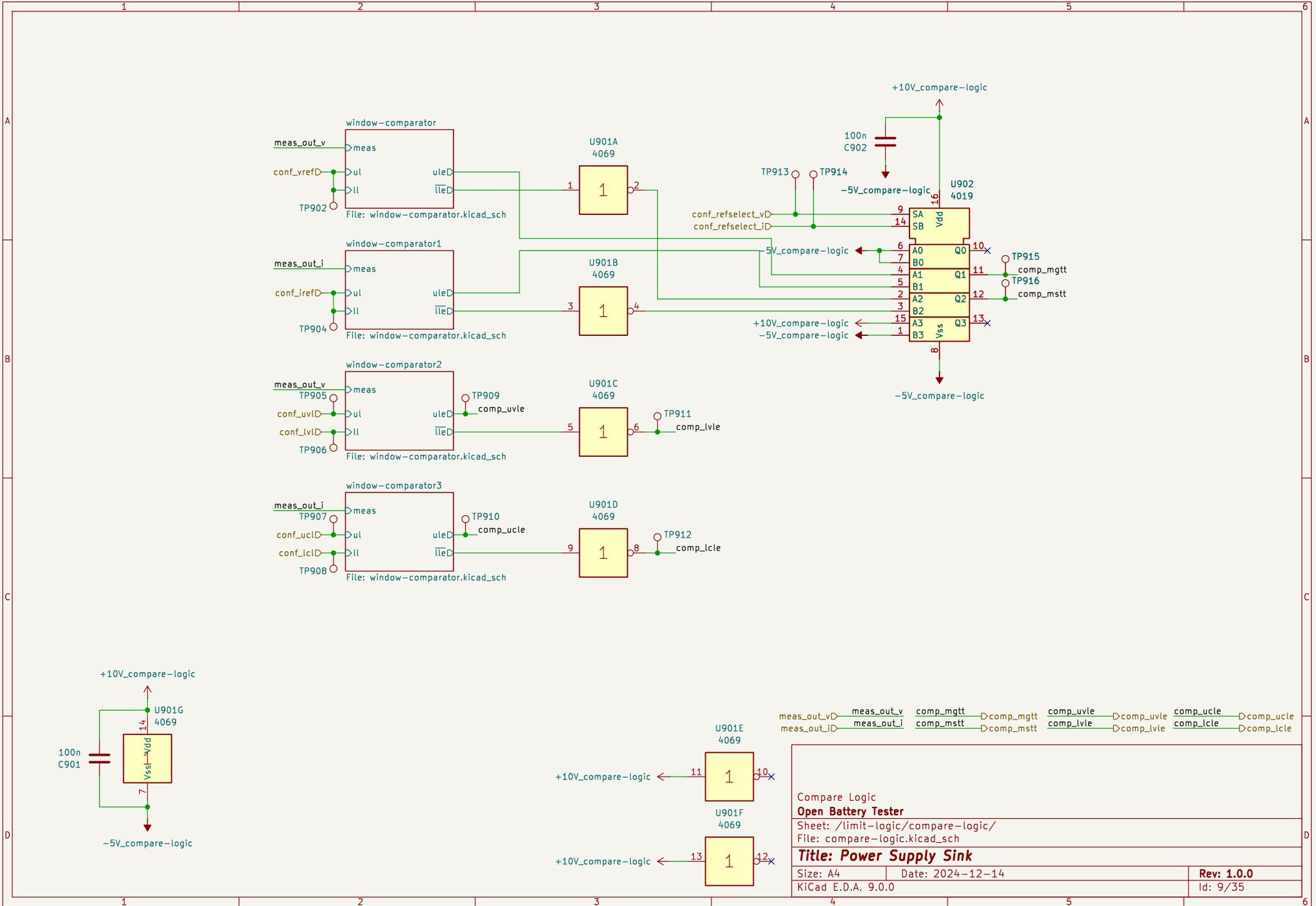
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Rev: 1.0.0

KiCad E.D.A. 9.0.0

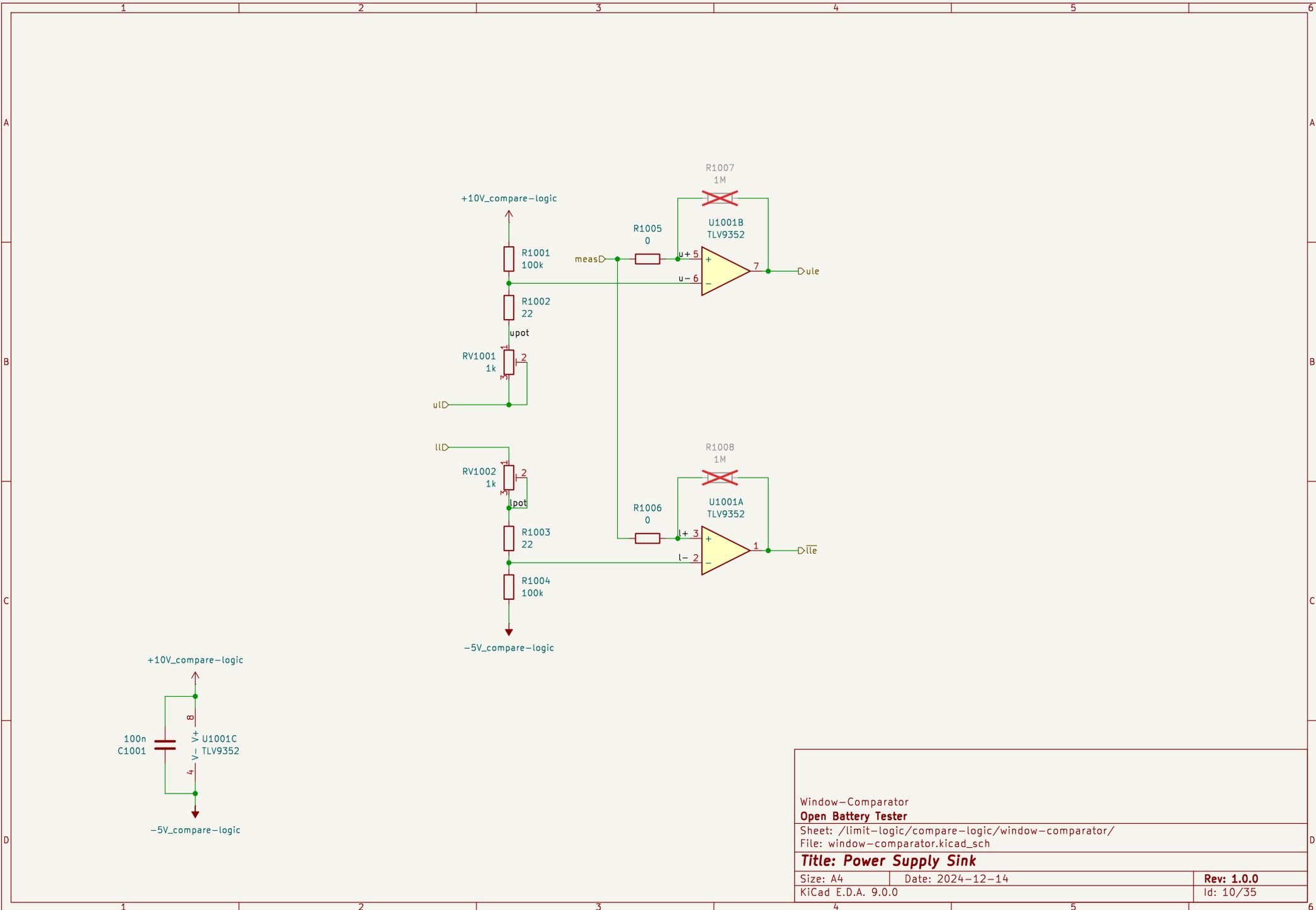
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meas_out_vD meas_out_v comp_mgttD comp_mgtt comp_lvleD comp_lvle comp_lcleD comp_lcle
 meas_out_iD meas_out_i comp_msttD comp_mstt comp_lvleD comp_lvle comp_lcleD comp_lcle

Compare Logic	
Open Battery Tester	
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File: compare-logic.kicad_sch	
Title: Power Supply Sink	
Size: A4	Date: 2024-12-14
KiCad E.D.A. 9.0.0	Rev: 1.0.0
	Id: 9/35



Window-Comparator

Open Battery Tester

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File: window-comparator.kicad_sch

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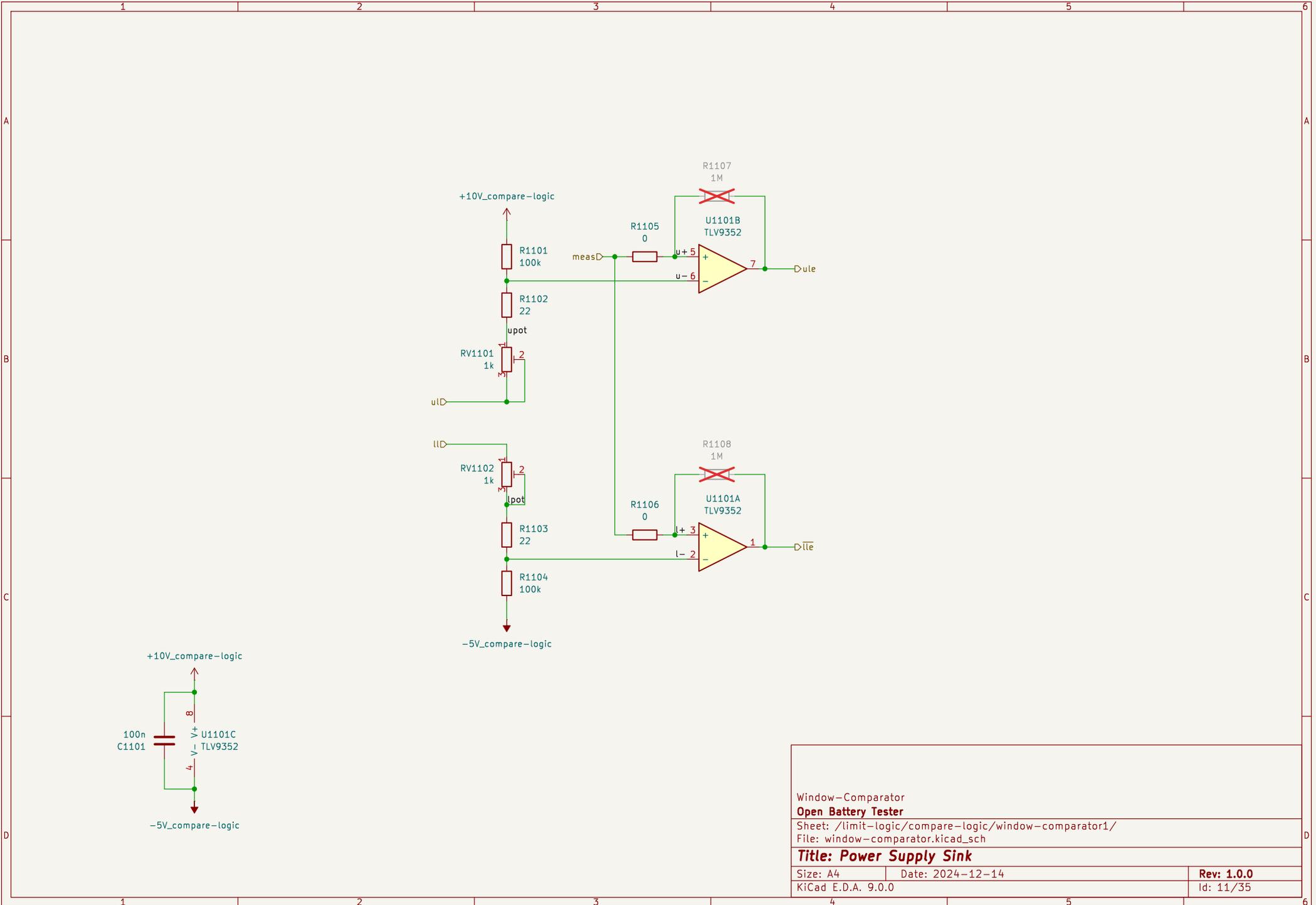
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Date: 2024-12-14

Rev: 1.0.0

KiCad E.D.A. 9.0.0

Id: 10/35



Window-Comparator
Open Battery Tester

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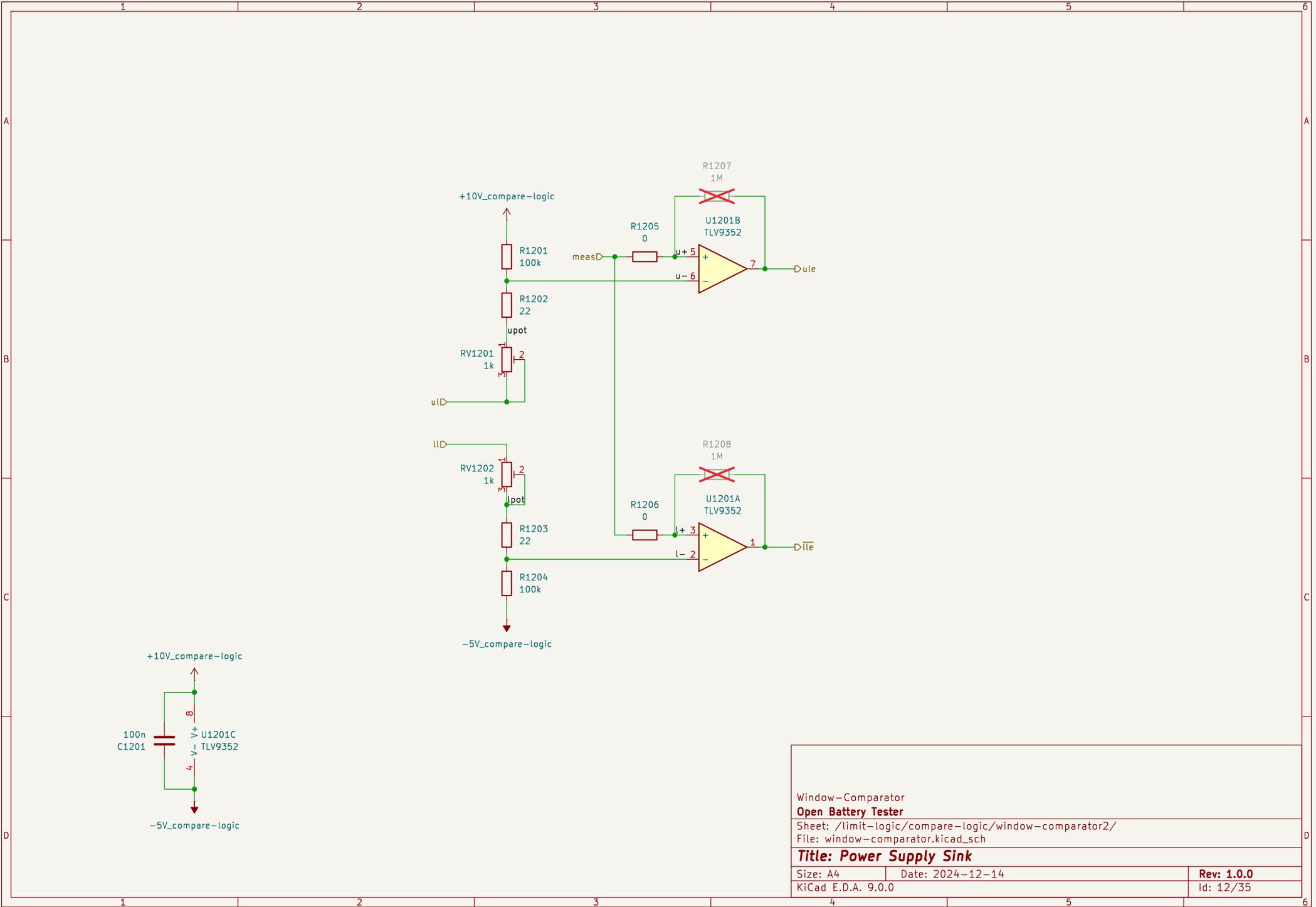
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Size: A4 Date: 2024-12-14

Rev: 1.0.0

KiCad E.D.A. 9.0.0

Id: 11/35



Window-Comparator

Open Battery Tester

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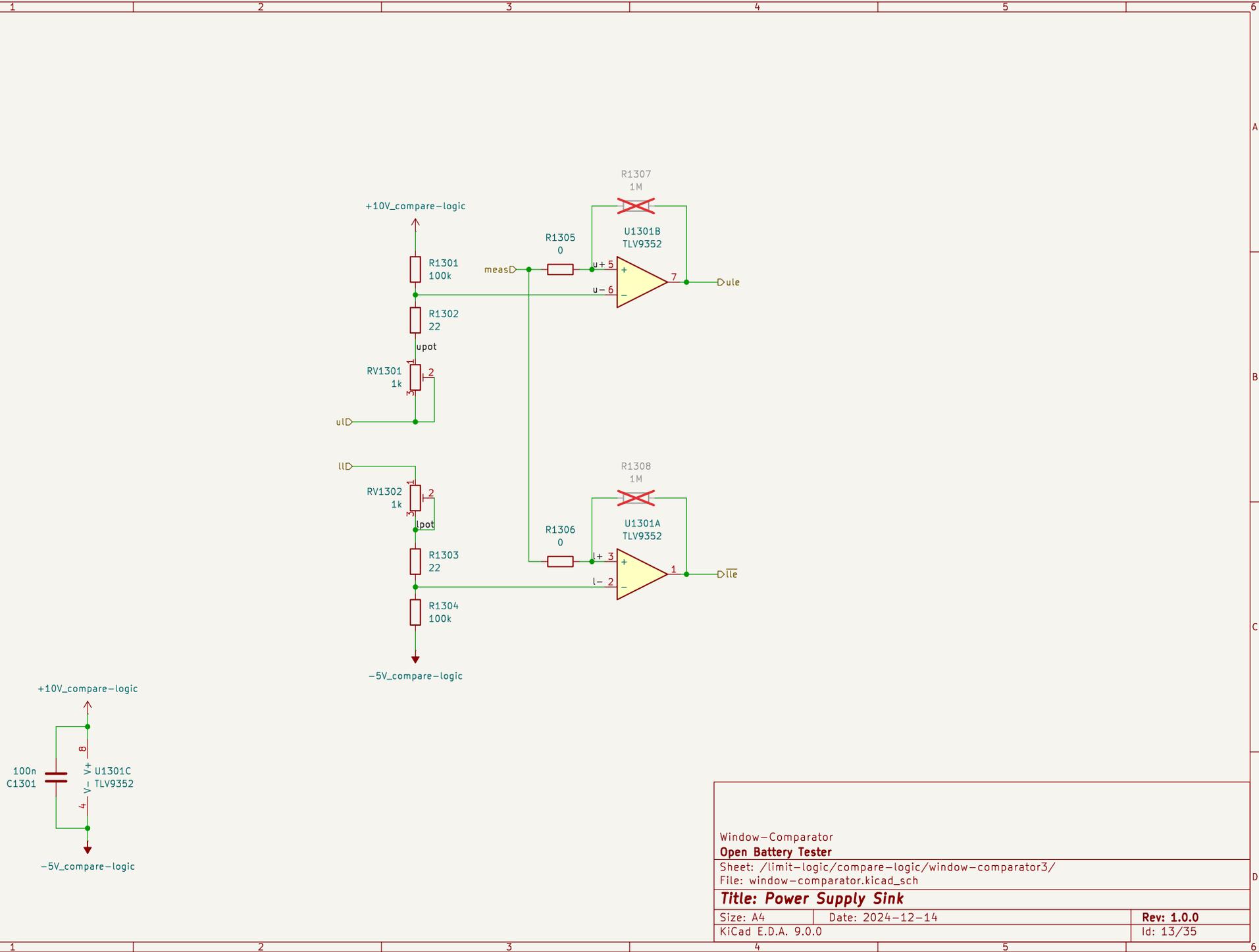
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Date: 2024-12-14

Rev: 1.0.0

KiCad E.D.A. 9.0.0

Id: 12/35

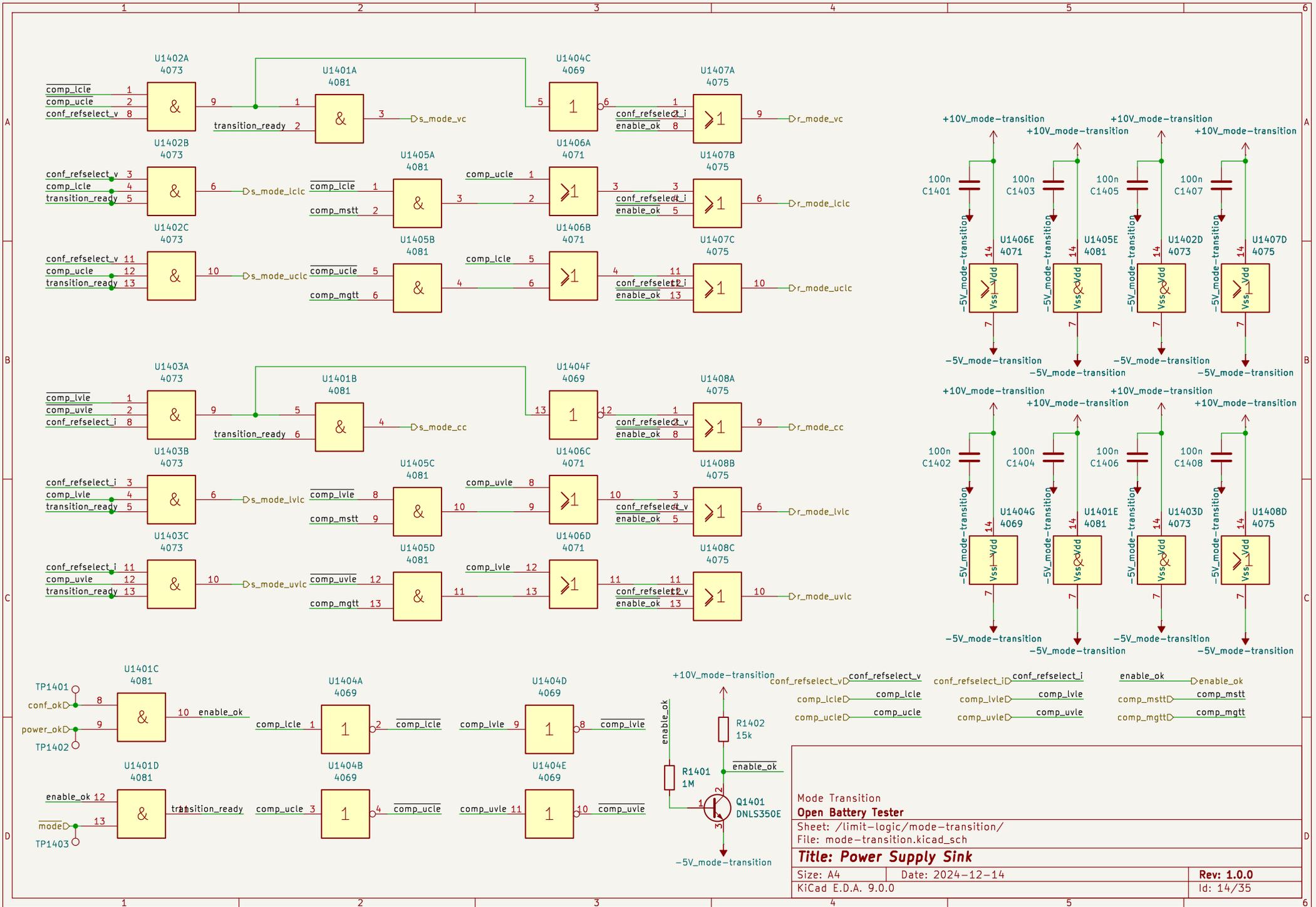


Window-Comparator
Open Battery Tester

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Title: Power Supply Sink

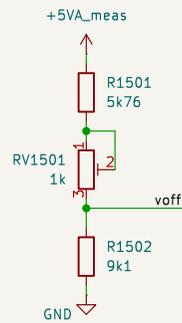
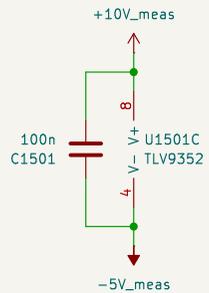
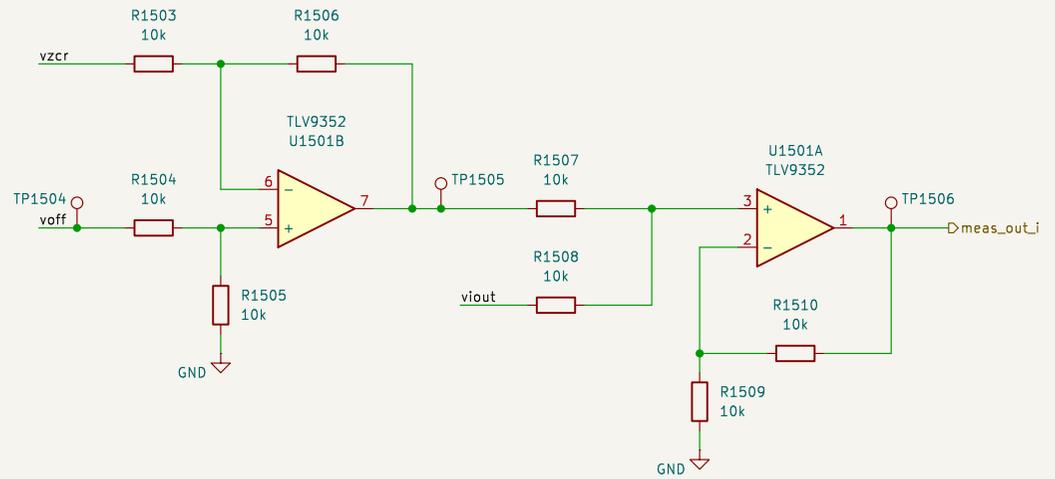
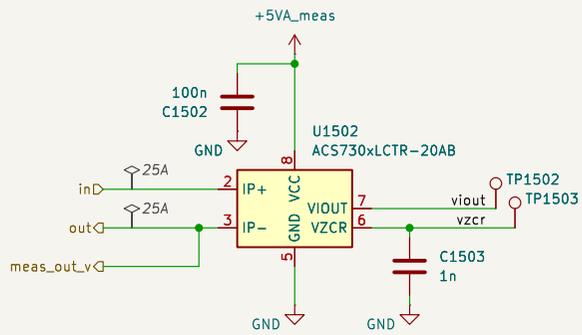
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KiCad E.D.A. 9.0.0		Id: 13/35



Mode Transition
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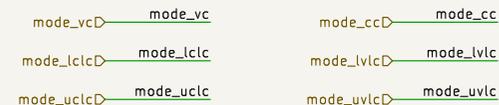
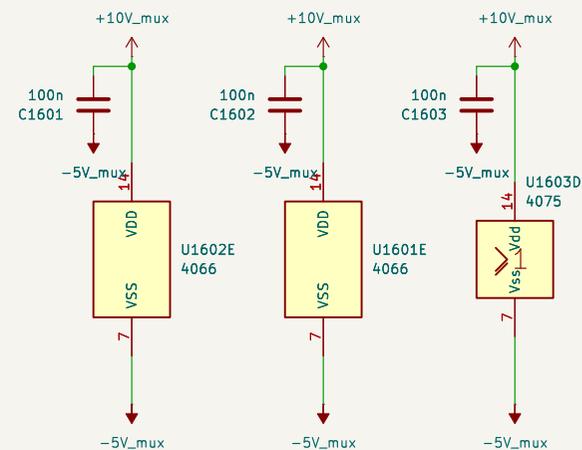
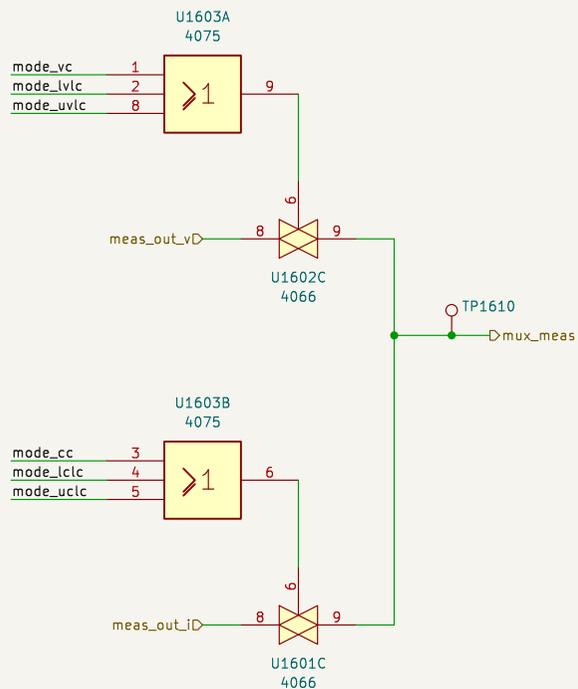
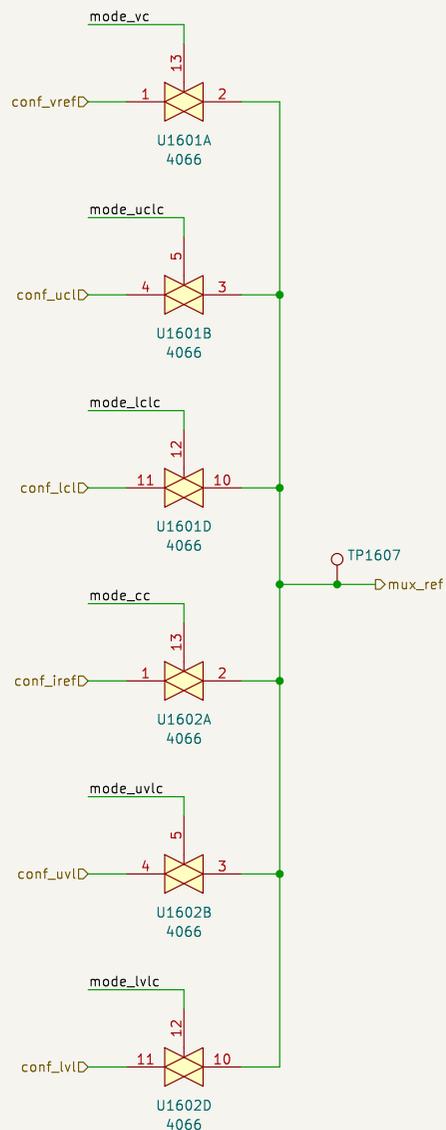
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Open Battery Tester

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Title: Power Supply Sink

Size: A4 Date: 2024-12-14
 KiCad E.D.A. 9.0.0

Rev: 1.0.0
 Id: 15/35



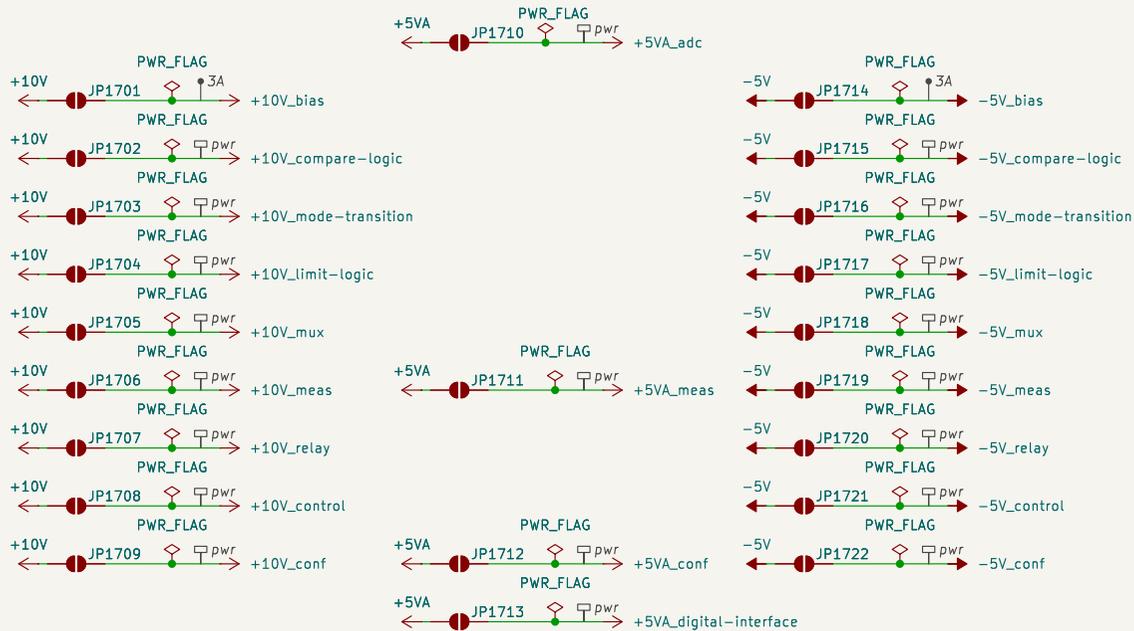
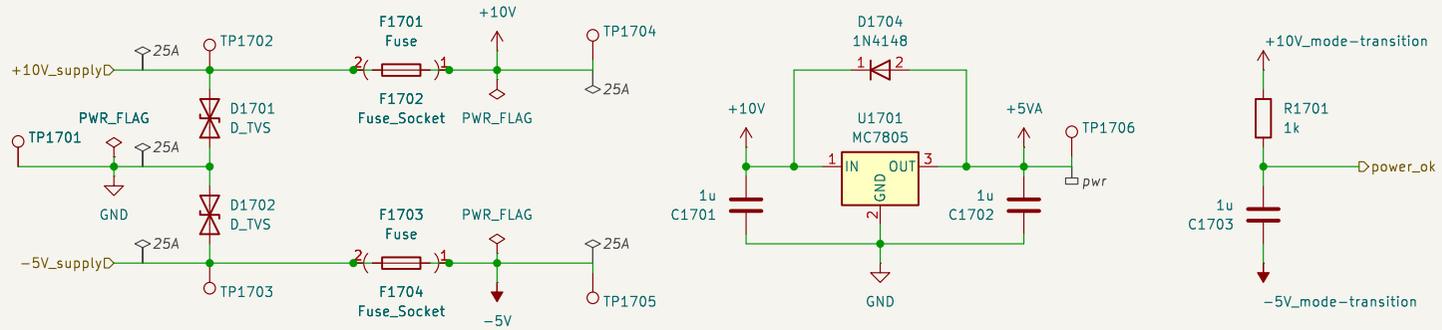
Multiplexer
Open Battery Tester

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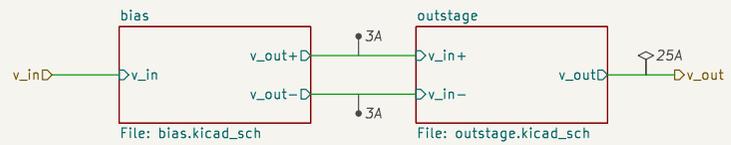
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Rev: 1.0.0
Id: 16/35



Power	
Open Battery Tester	
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File: power.kicad_sch	
Title: Power Supply Sink	
Size: A4	Date: 2024-12-14
KiCad E.D.A. 9.0.0	Rev: 1.0.0
	Id: 17/35



Power Electronics
Open Battery Tester

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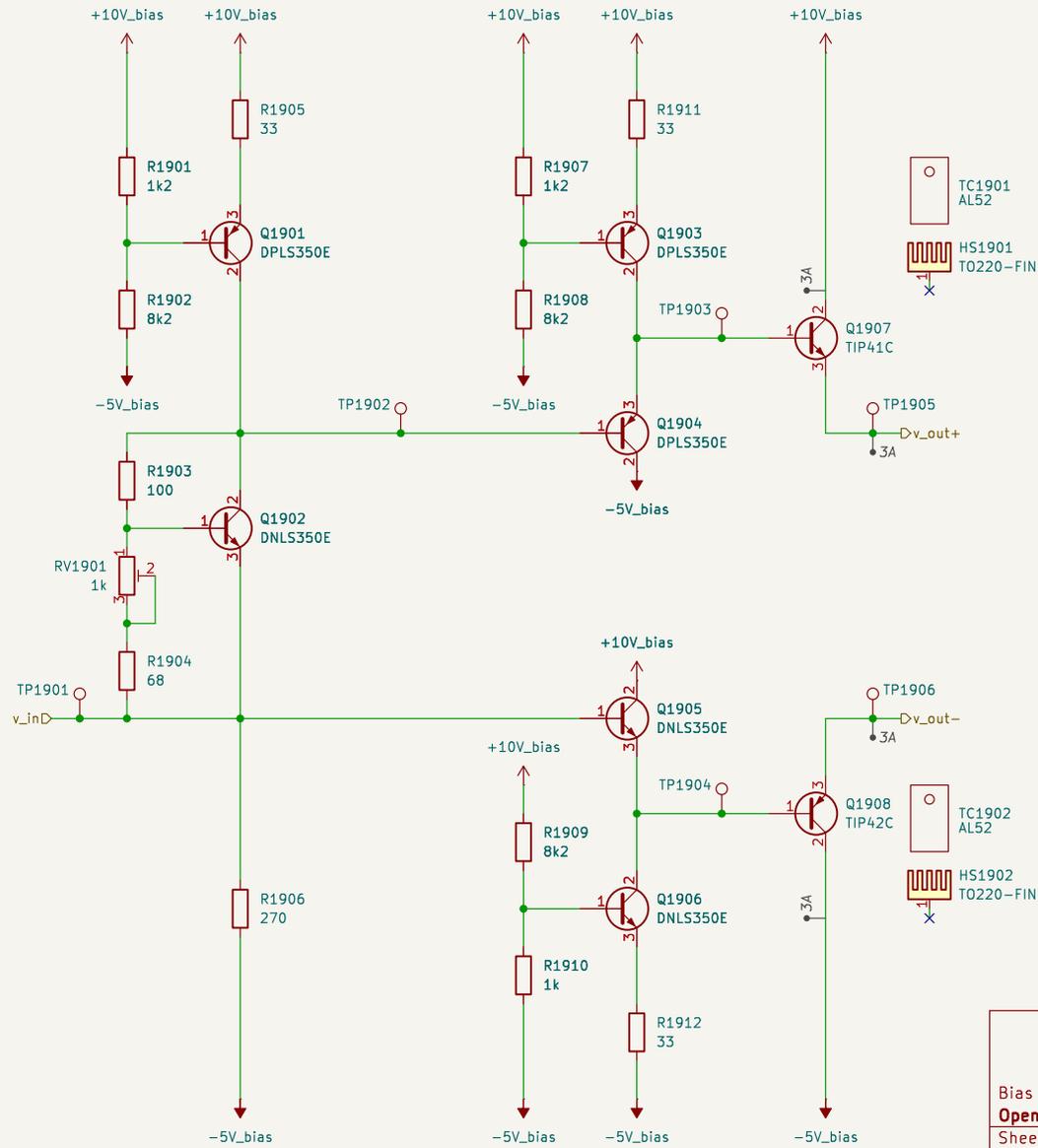
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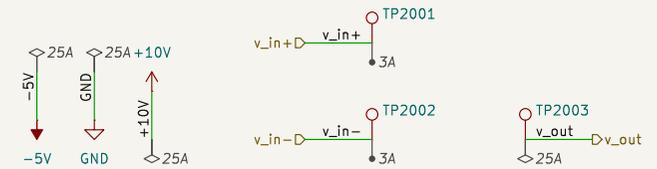
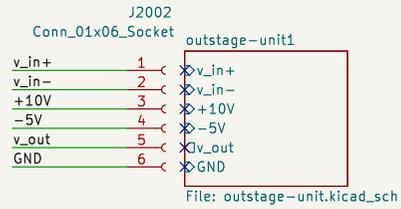
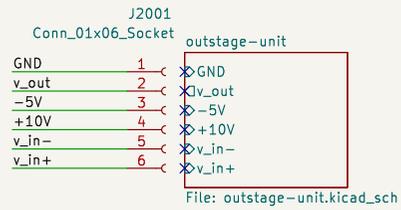
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Rev: 1.0.0

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Bias Stage	
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Title: Power Supply Sink	
Size: A4	Date: 2024-12-14
KiCad E.D.A. 9.0.0	Rev: 1.0.0
	Id: 19/35



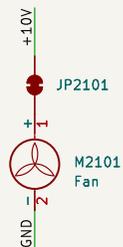
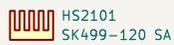
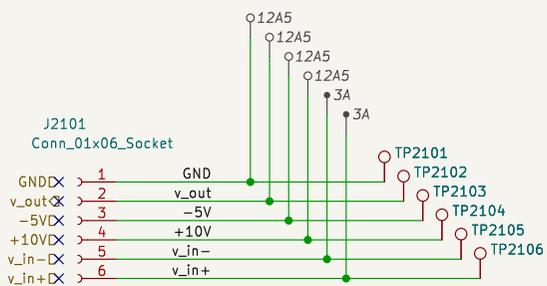
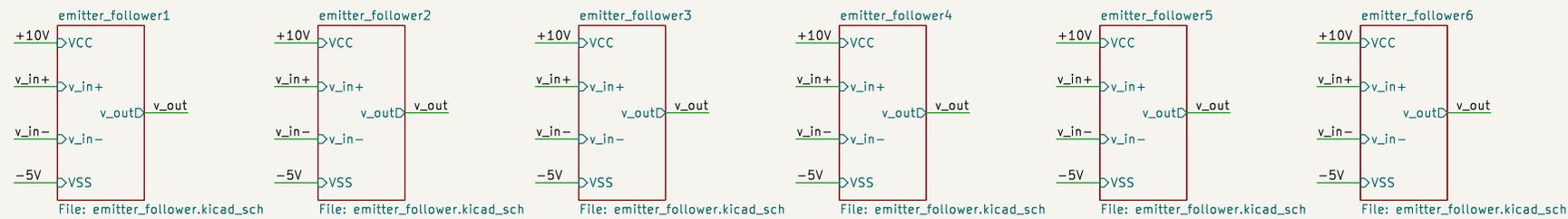
Outstage

Open Battery Tester

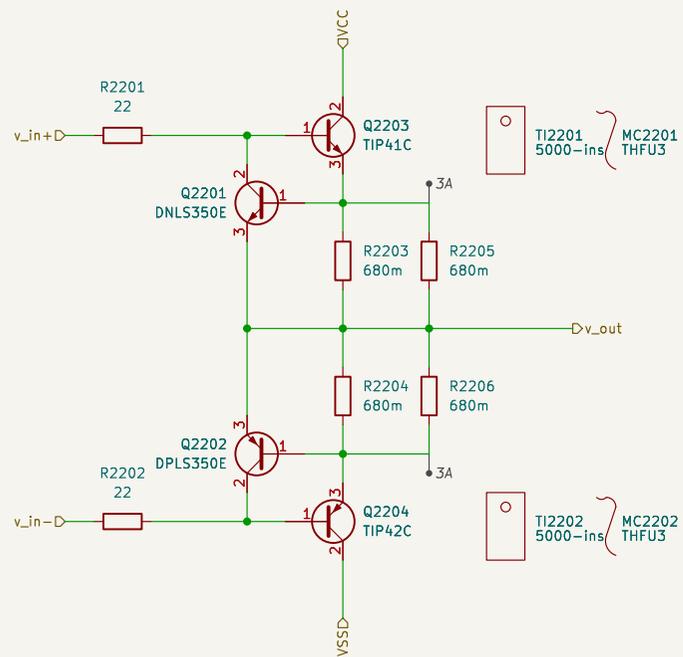
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Title: Power Supply Sink

Size: A4	Date: 2024-12-14	Rev: 1.0.0
KiCad E.D.A. 9.0.0		Id: 20/35



Outstage Unit	
Open Battery Tester	
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Title: Power Supply Sink	
Size: A4	Date: 2024-12-14
KiCad E.D.A. 9.0.0	Rev: 1.0.0
Id: 21/35	



Emitter Follower

Open Battery Tester

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File: emitter_follower.kicad_sch

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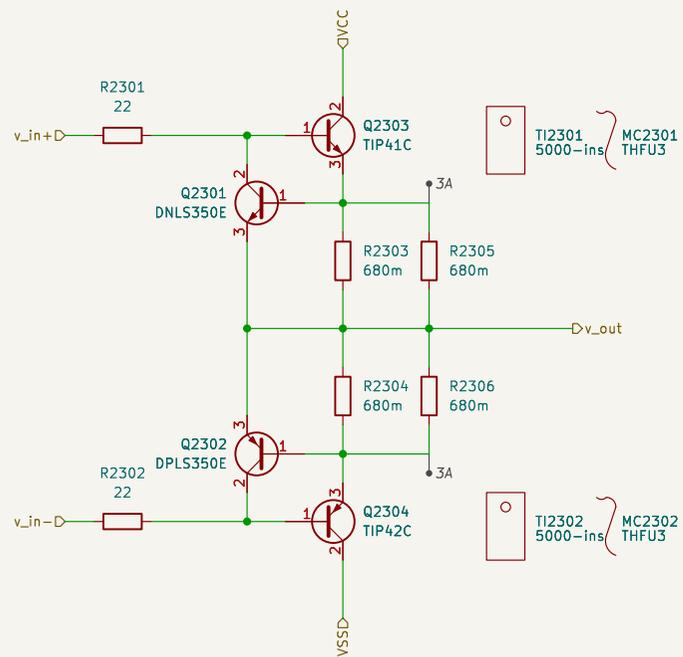
Size: A4

Date: 2024-12-14

Rev: 1.0.0

KiCad E.D.A. 9.0.0

Id: 22/35



Emitter Follower

Open Battery Tester

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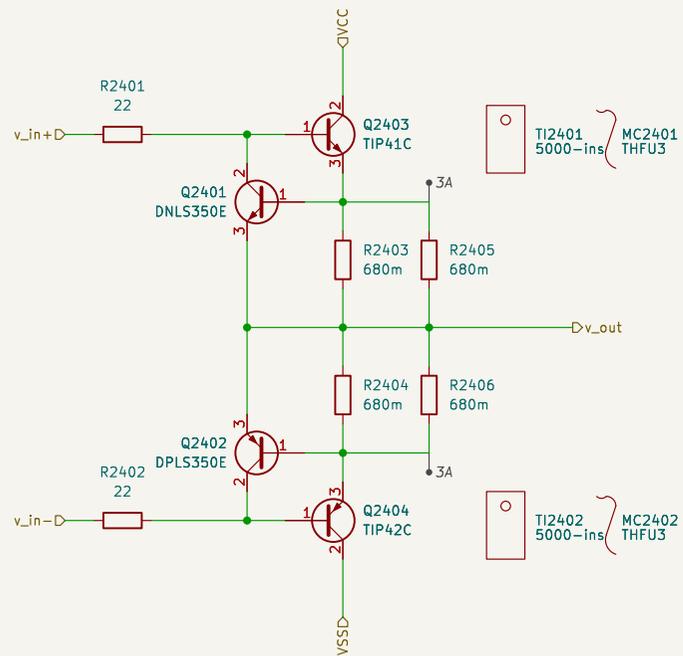
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Date: 2024-12-14

Rev: 1.0.0

KiCad E.D.A. 9.0.0

Id: 23/35



Emitter Follower

Open Battery Tester

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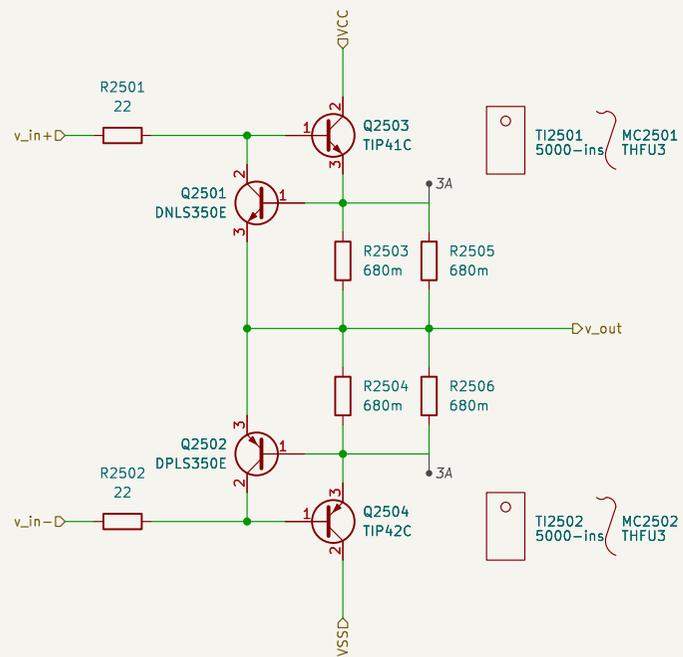
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Date: 2024-12-14

Rev: 1.0.0

KiCad E.D.A. 9.0.0

Id: 24/35



Emitter Follower

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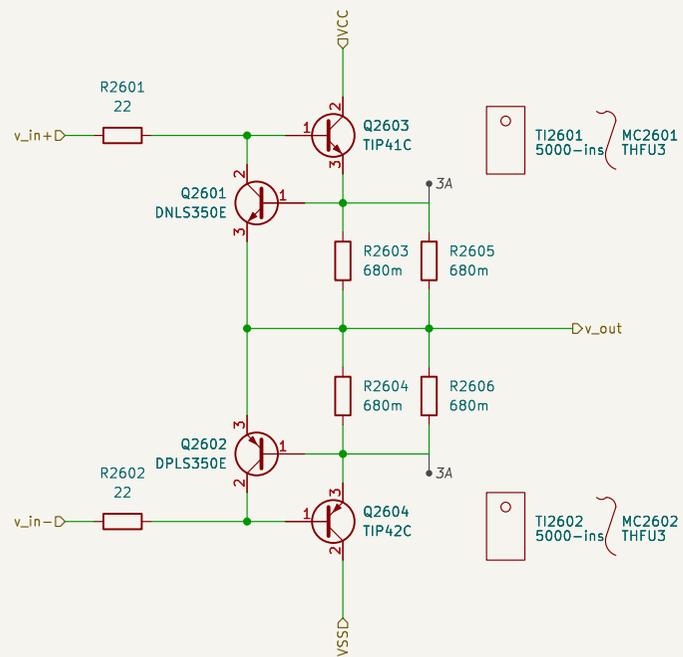
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Date: 2024-12-14

Rev: 1.0.0

KiCad E.D.A. 9.0.0

Id: 25/35



Emitter Follower

Open Battery Tester

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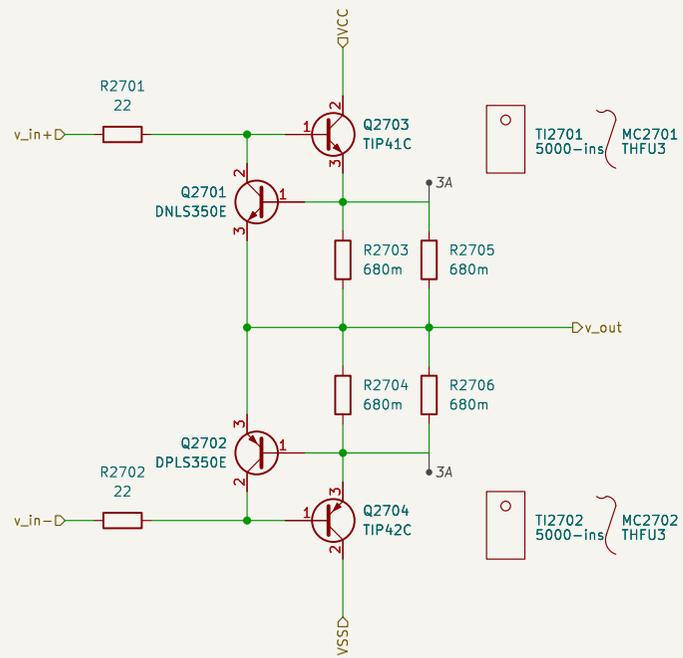
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Date: 2024-12-14

Rev: 1.0.0

KiCad E.D.A. 9.0.0

Id: 26/35



Emitter Follower

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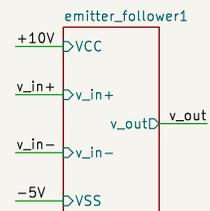
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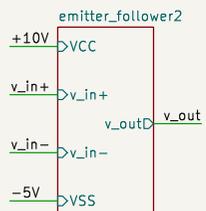
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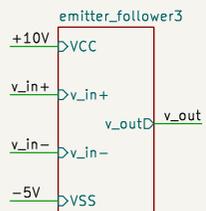
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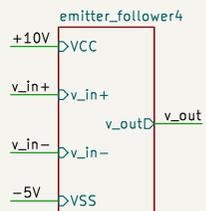
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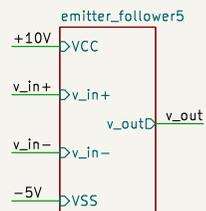
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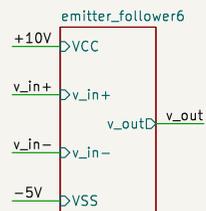
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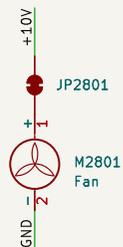
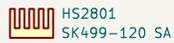
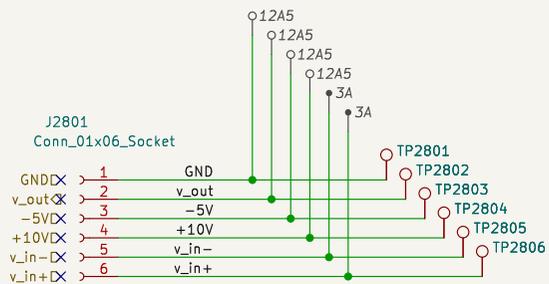
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File: emitter_follower.kicad_sch



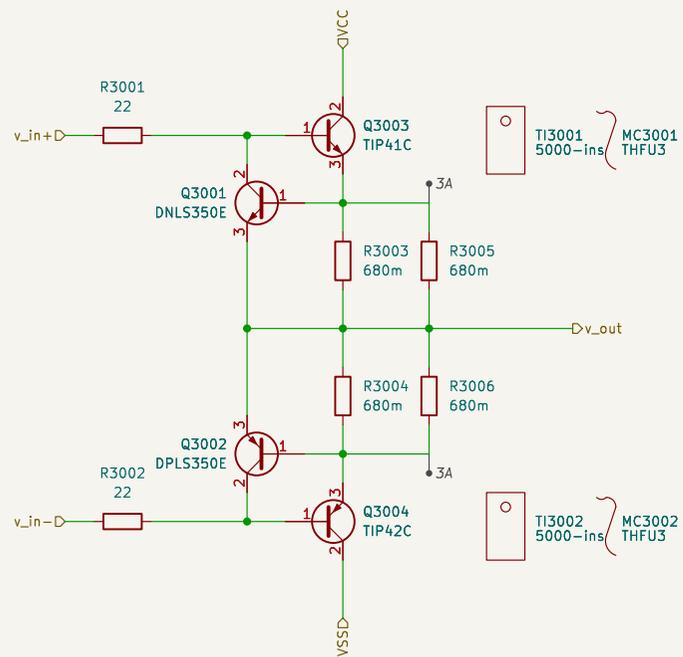
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Outstage Unit
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Title: Power Supply Sink

Size: A4	Date: 2024-12-14	Rev: 1.0.0
KiCad E.D.A. 9.0.0		Id: 28/35



Emitter Follower

Open Battery Tester

Sheet: /power-electronics/outstage/outstage-unit1/emitter_follower2/

File: emitter_follower.kicad_sch

Title: Power Supply Sink

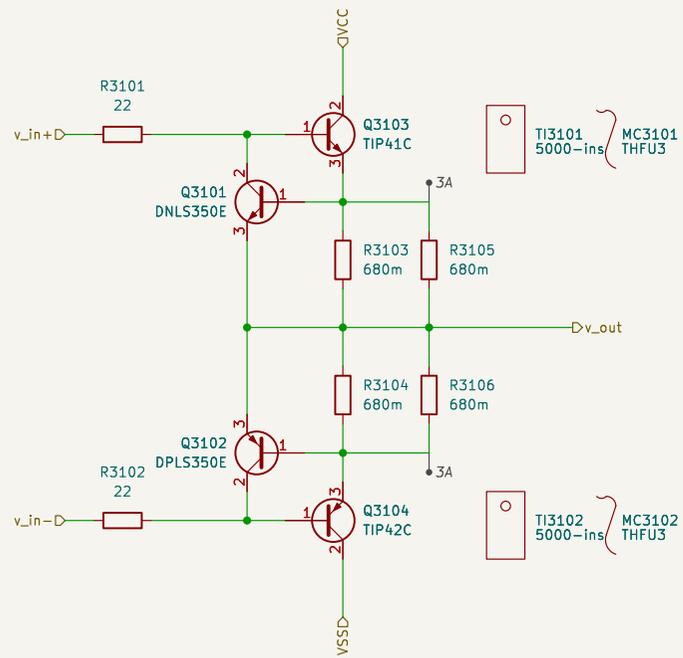
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Date: 2024-12-14

Rev: 1.0.0

KiCad E.D.A. 9.0.0

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Emitter Follower

Open Battery Tester

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Title: Power Supply Sink

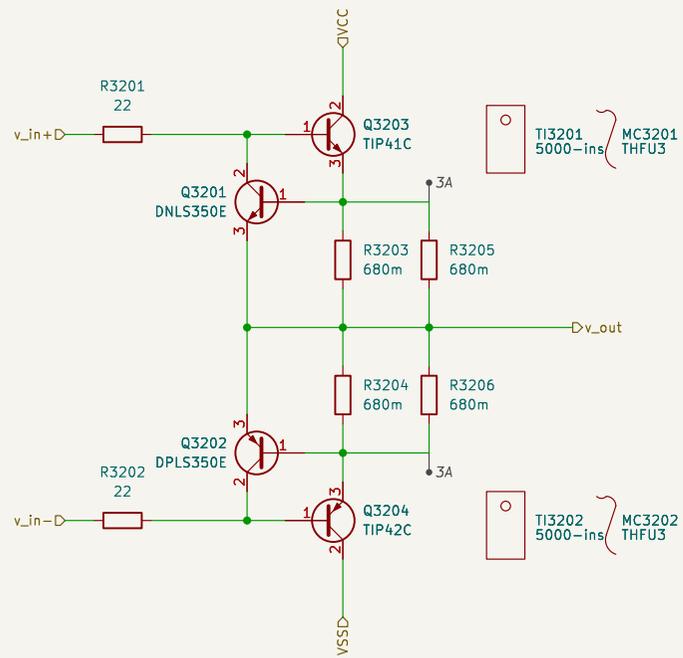
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Date: 2024-12-14

Rev: 1.0.0

KiCad E.D.A. 9.0.0

Id: 31/35



Emitter Follower

Open Battery Tester

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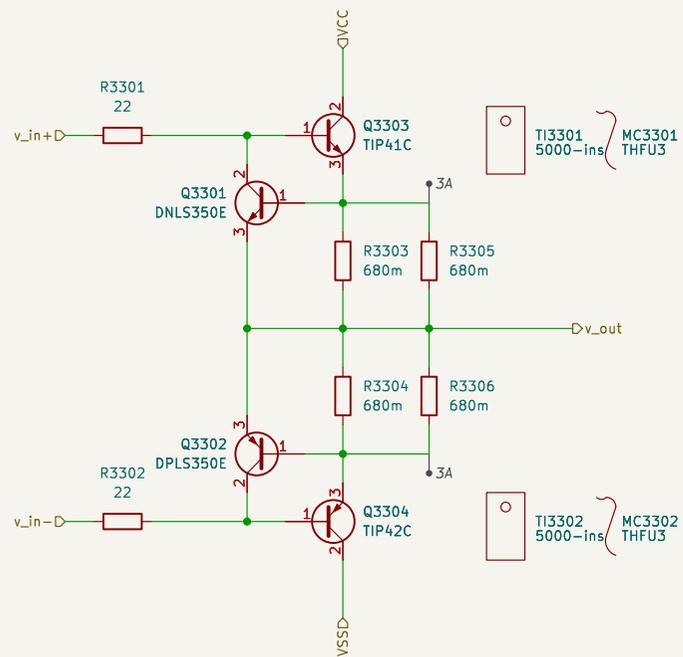
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Date: 2024-12-14

Rev: 1.0.0

KiCad E.D.A. 9.0.0

Id: 32/35



Emitter Follower

Open Battery Tester

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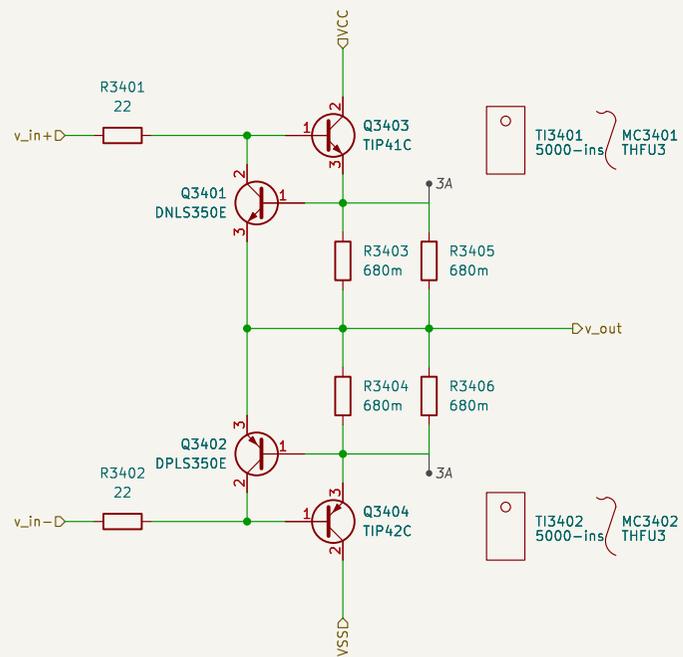
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Date: 2024-12-14

Rev: 1.0.0

KiCad E.D.A. 9.0.0

Id: 33/35



Emitter Follower

Open Battery Tester

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File: emitter_follower.kicad_sch

Title: Power Supply Sink

Size: A4

Date: 2024-12-14

Rev: 1.0.0

KiCad E.D.A. 9.0.0

Id: 34/35

