

VOLTAGES SUPPLY

P201 (Input Power Supply)

- 1- +VS
- 2- +VS
- 3- NC
- 4- GND
- 5- GND
- 6- +VA
- 7- +VA
- 8- GND
- 9- +5V
- 10- +5V

P201



FL201

FS201

C205
220uF/250V

C206
220uF/250V

C207
220uF/250V

C208
220uF/250V

C209

VS_B

C221
150uF/150V

VA

C203
330uF/25V

5V

P202

P202 (Output VA Supply)

- 1- GND
- 2- GND
- 3- GND
- 4- NC
- 5- +VA
- 6- +VA
- 7- +VA

VS Voltage supply
Author: Fábio Pereira da Silva

Sheet: /
File: y_board.kicad_sch

Title: Y BOARD LG PLASMA TV PANEL

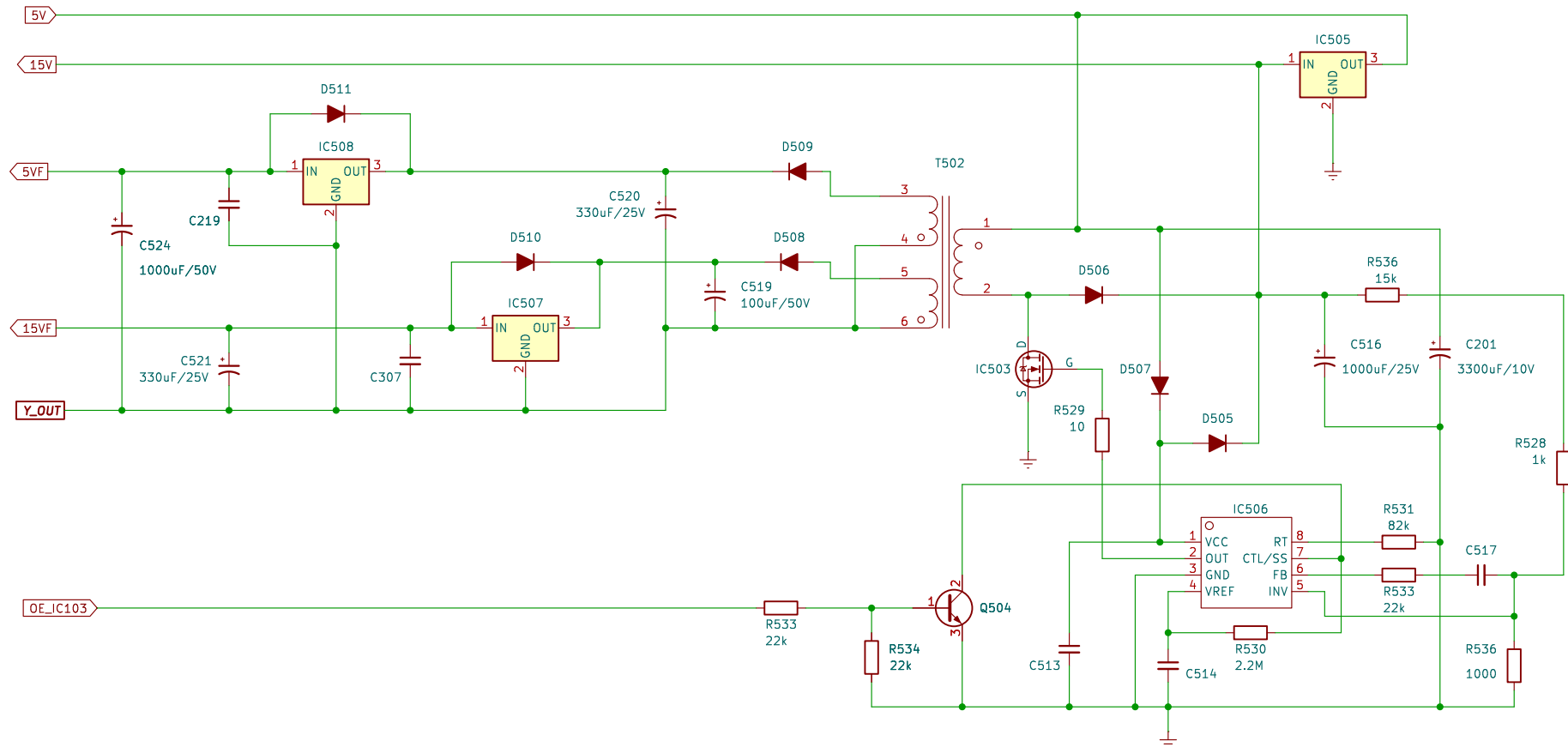
Size: A4 Date: 2025-03-24

KiCad E.D.A. 8.0.9

Rev: 1.0

Id: 1/10

5VF, 15VF and 15V Supply



5VF, 15VF and 15V Supply
Author: Fábio Pereira da Silva

Sheet: /5VF, 15VF 15v/
File: 5VF_15VF_15V.kicad_sch

Title: Y BOARD LG PLASMA TV PANEL

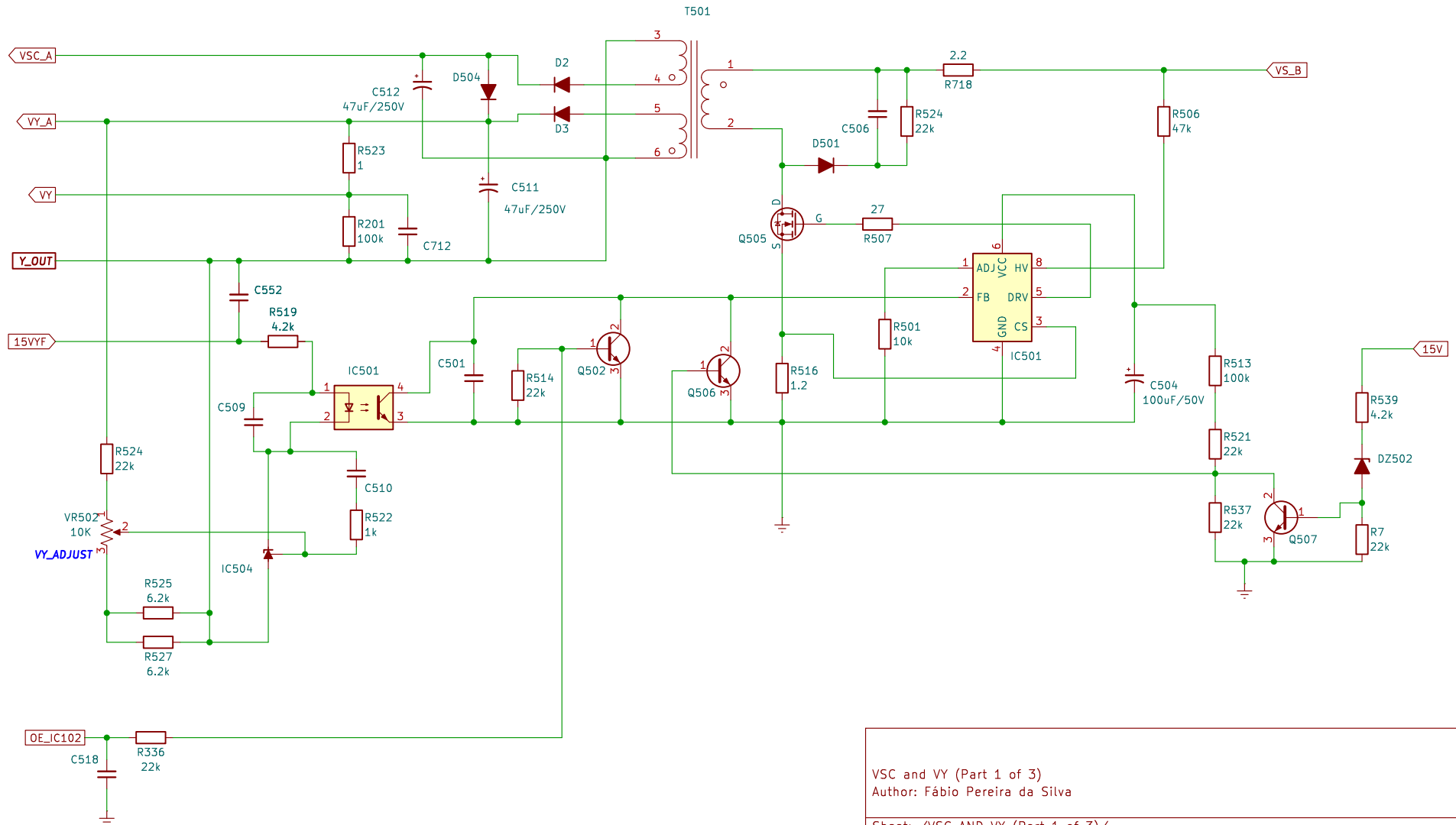
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Rev: 1.0

Id: 2/10

VSC and VY (Part 1 of 3)



VSC and VY (Part 1 of 3)
Author: Fábio Pereira da Silva

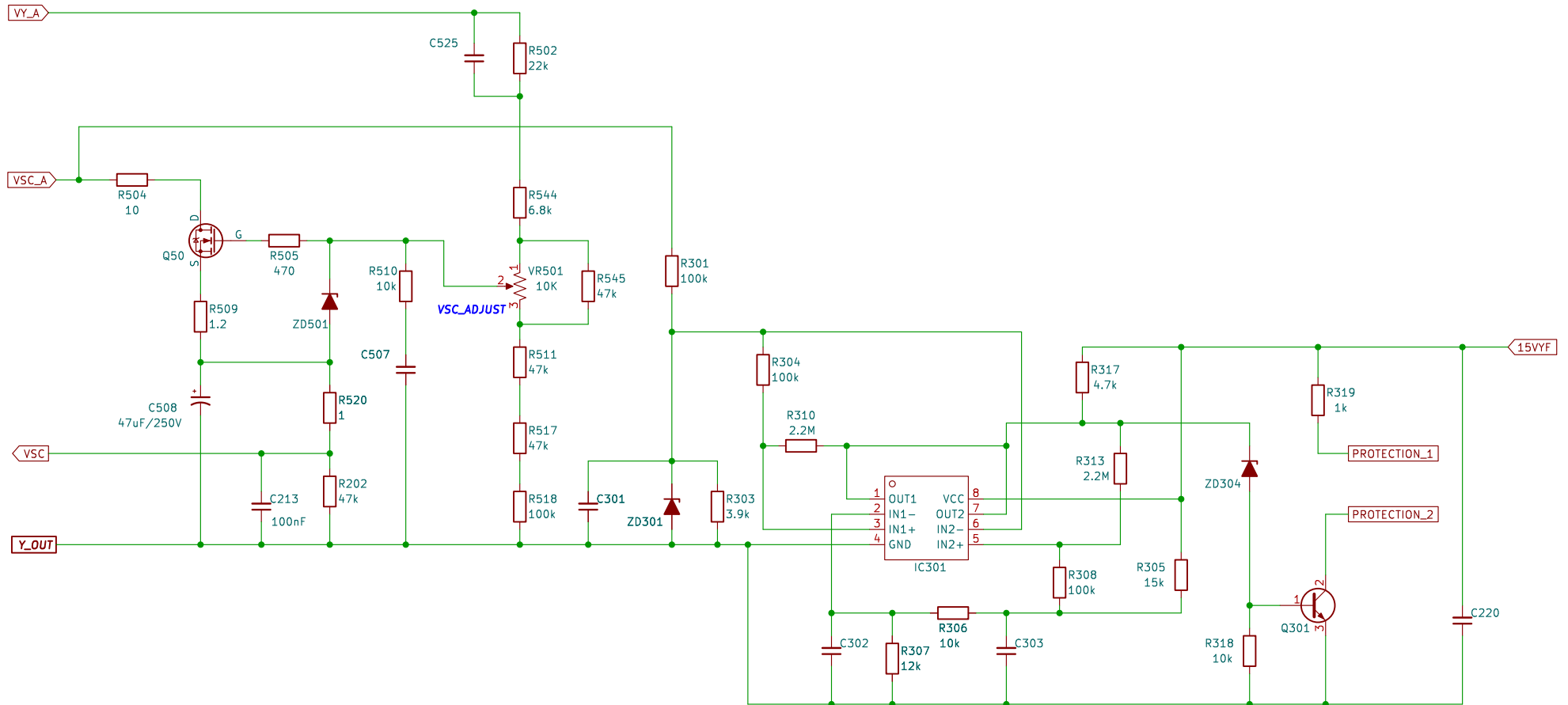
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Title: Y BOARD LG PLASMA TV PANEL

Size: A4 Date: 2025-03-24
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Rev: 1.0
Id: 3/10

VSC and VY (Part 2 of 3)



VSC and VY (Part 2 of 3)
Author: Fábio Pereira da Silva

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Title: Y BOARD LG PLASMA TV PANEL

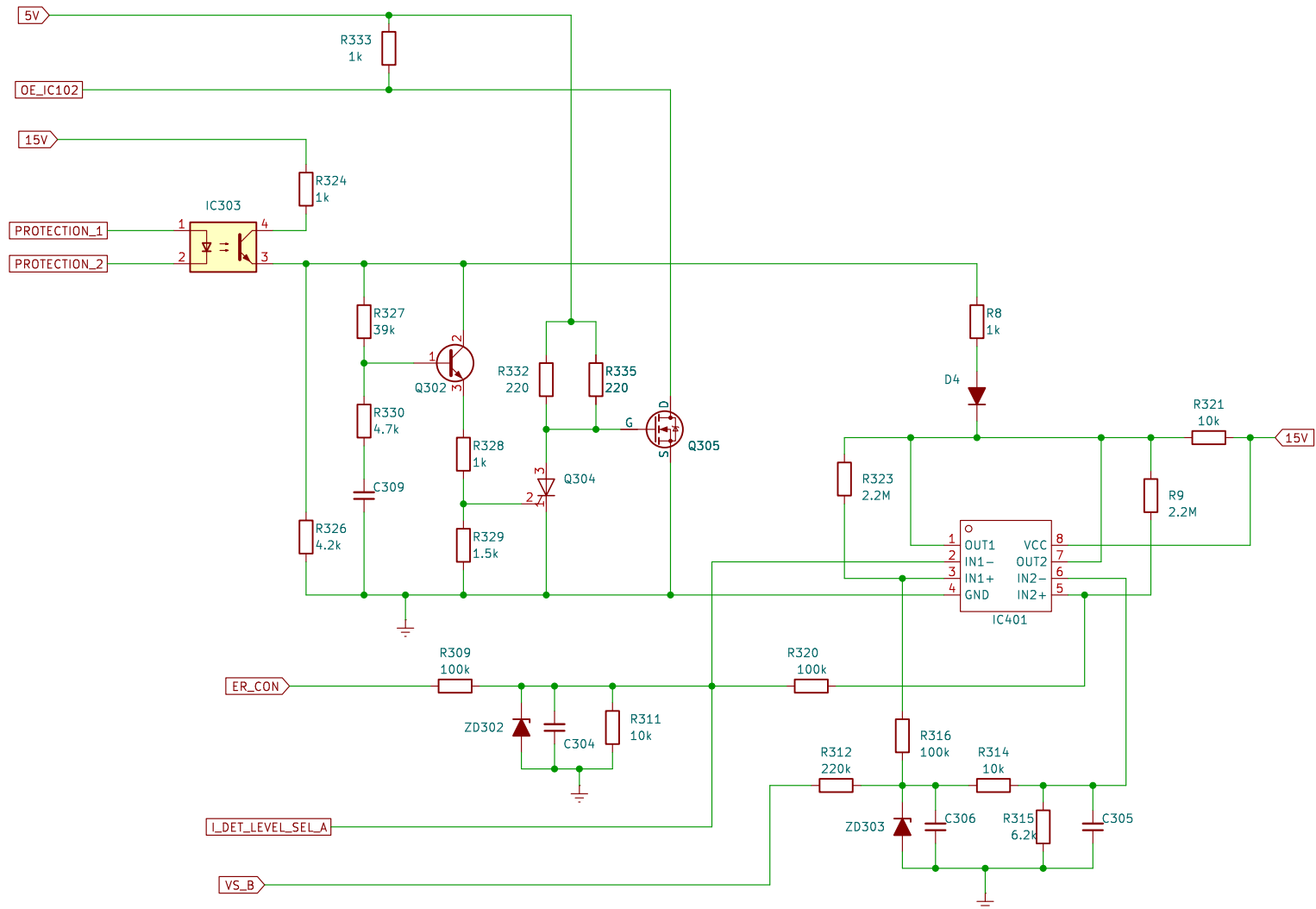
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KiCad E.D.A. 8.0.9

Date: 2025-03-24

Rev: 1.0

Id: 4/10

VSC and VY (Part 3 of 3)



Author: Fábio Pereira da Silva

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Size: A4

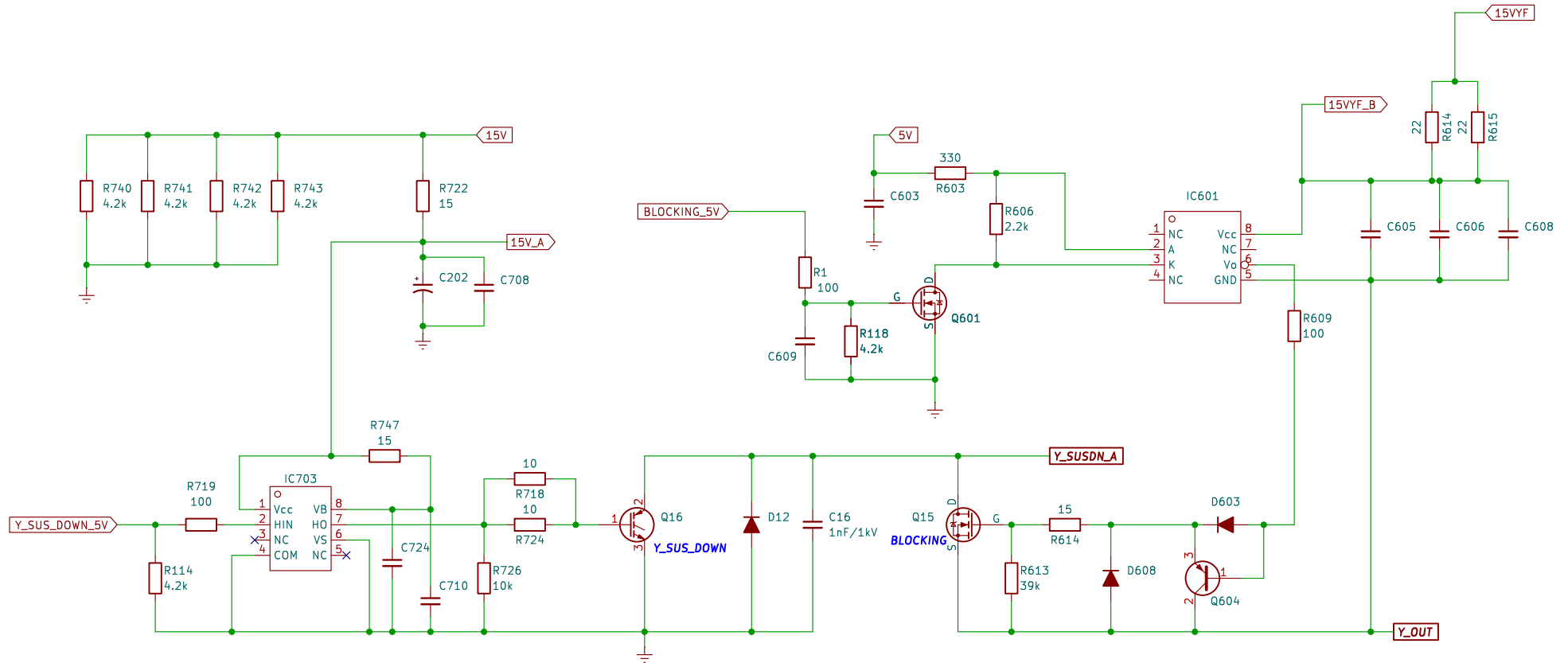
Date: 2025-03-24

Rev: 1.0

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Id: 5/10

Y BLOCKING AND Y SUS DOWN



Y_BLOCKING | Y_SUS_DOWN
 Author: Fábio Pereira da Silva

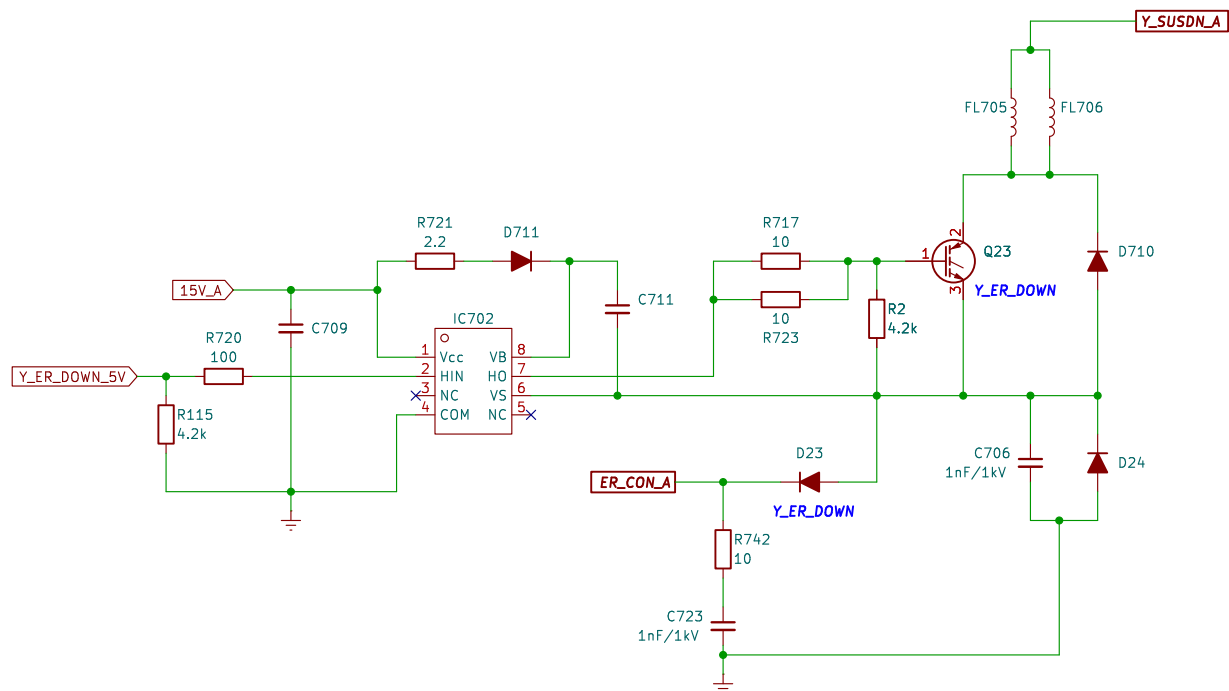
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Title: Y BOARD LG PLASMA TV PANEL

Size: A4 Date: 2025-03-24
 KiCad E.D.A. 8.0.9

Rev: 1.0
 Id: 6/10

Y ENERGY RECOVERY DOWN



Y ER DOWN
Author: Fábio Pereira da Silva

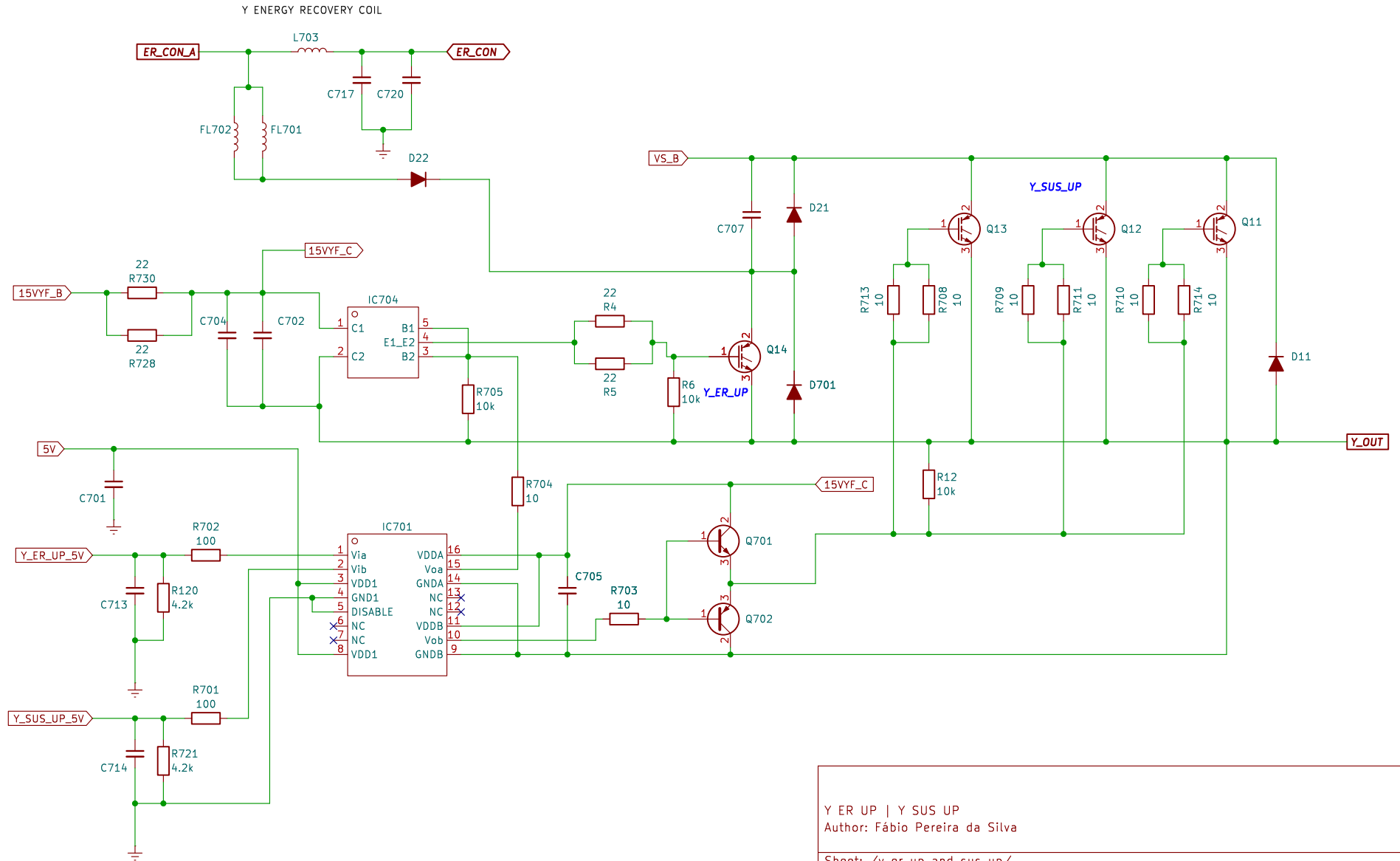
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Title: Y BOARD LG PLASMA TV PANEL

Size: A4 Date: 2025-03-24
KiCad E.D.A. 8.0.9

Rev: 1.0
Id: 7/10

Y ENERGY RECOVERY UP AND Y SUS UP



Y ER UP | Y SUS UP
 Author: Fábio Pereira da Silva

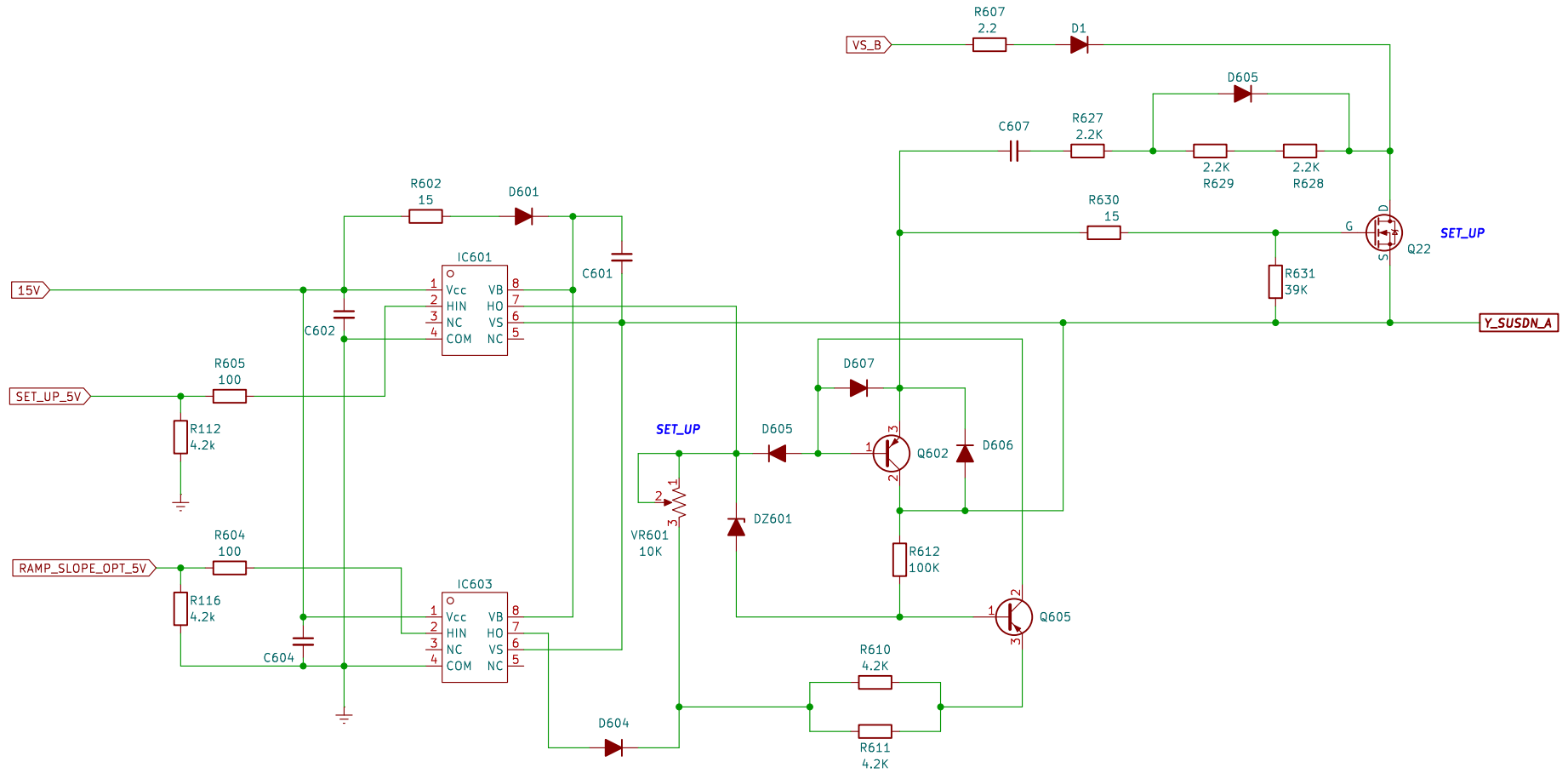
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Title: Y BOARD LG PLASMA TV PANEL

Size: A4 Date: 2025-03-24
 KiCad E.D.A. 8.0.9

Rev: 1.0
 Id: 8/10

SET UP



Set Up
Author: Fábio Pereira da Silva

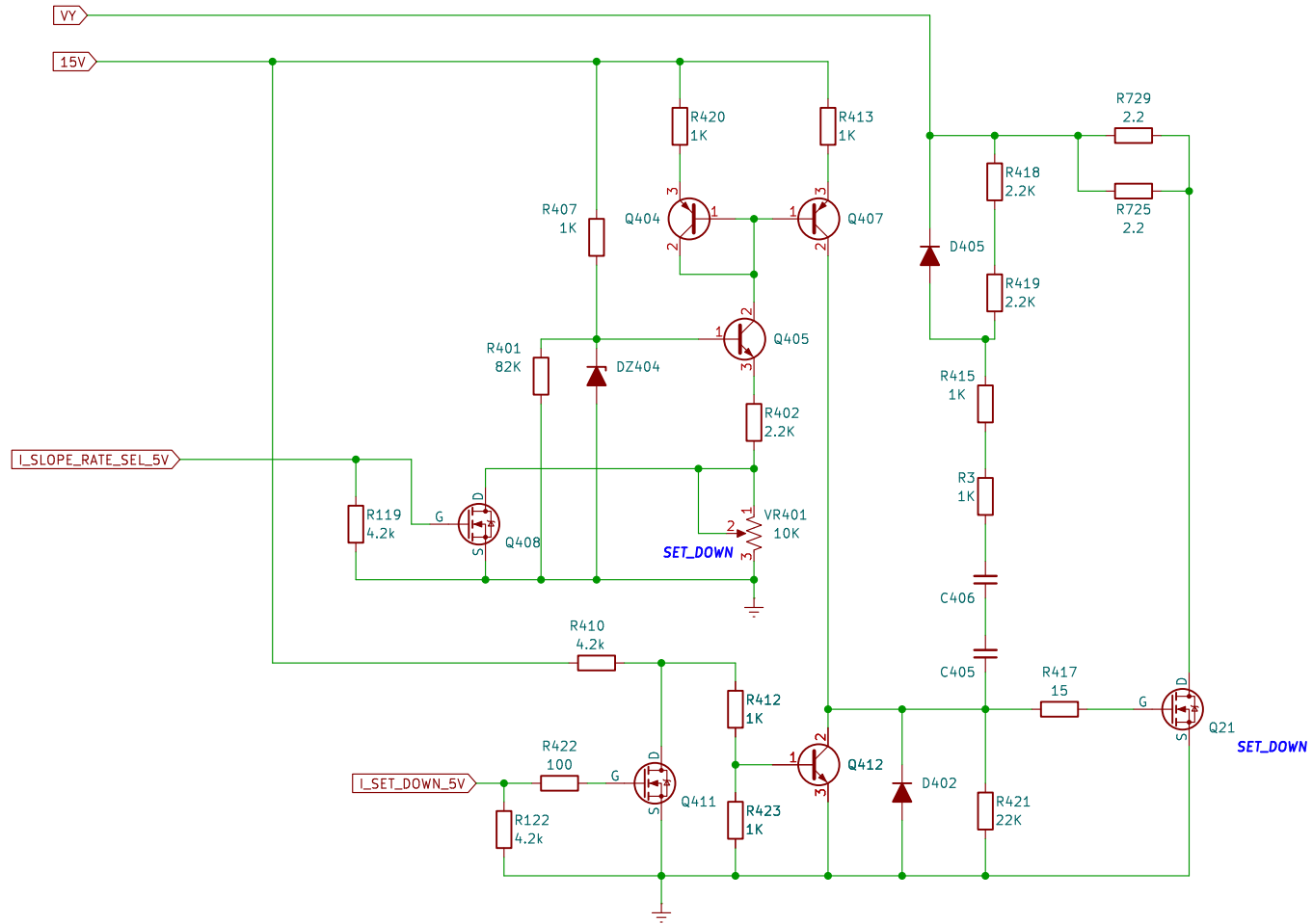
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Title: Y BOARD LG PLASMA TV PANEL

Size: A4 Date: 2025-03-24
KiCad E.D.A. 8.0.9

Rev: 1.0
Id: 9/10

SET DOWN



Author: Fábio Pereira da Silva

Sheet: /SetDown/
File: set_down.kicad_sch

Title: Y BOARD LG PLASMA TV PANEL

Size: A4 Date: 2025-03-24
KiCad E.D.A. 8.0.9

Rev: 1.0
Id: 10/10