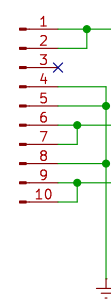


# VOLTAGES SUPPLY

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**

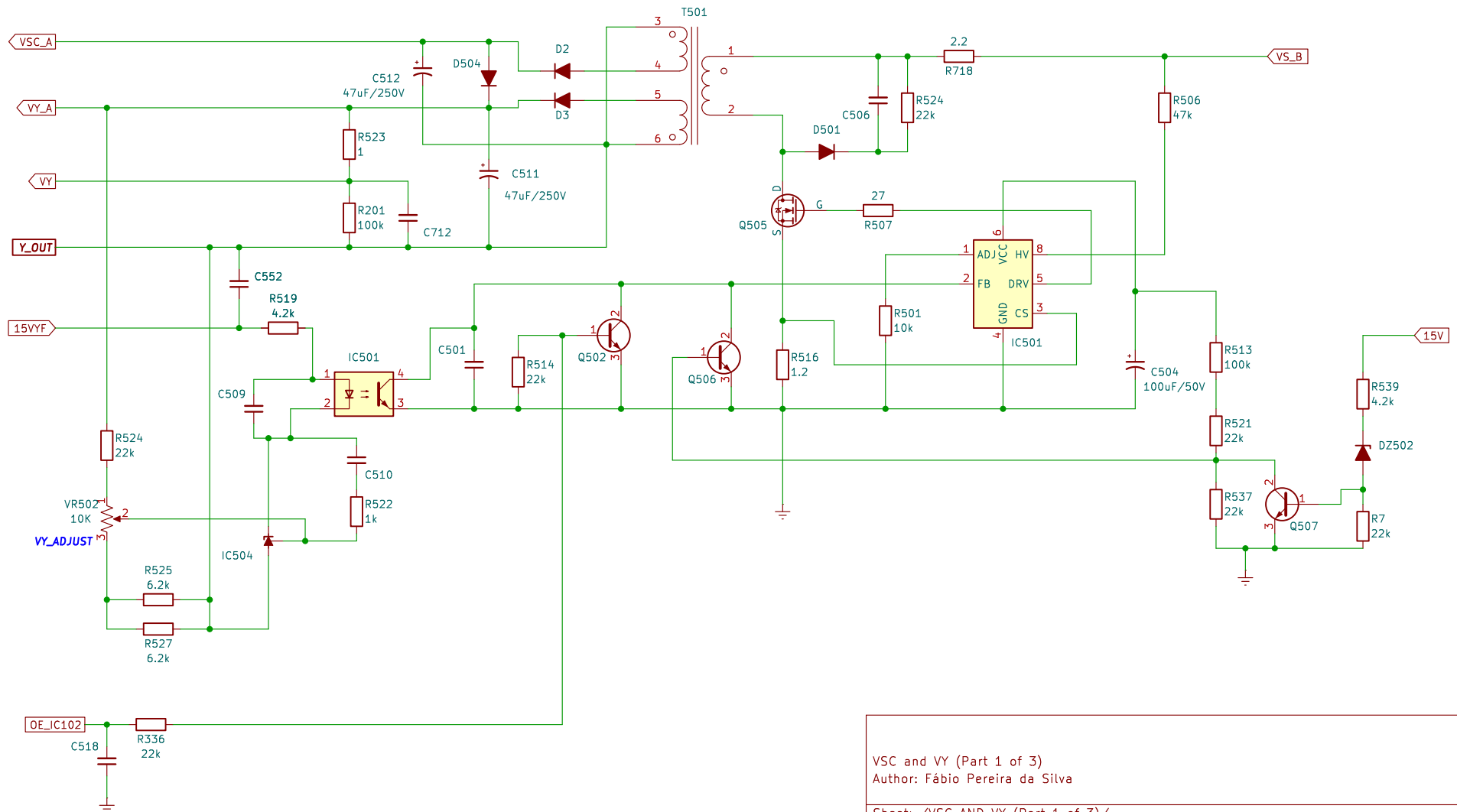
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KiCad E.D.A. 8.0.9

Rev: 1.0

Id: 1/9

# VSC and VY (Part 1 of 3)



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

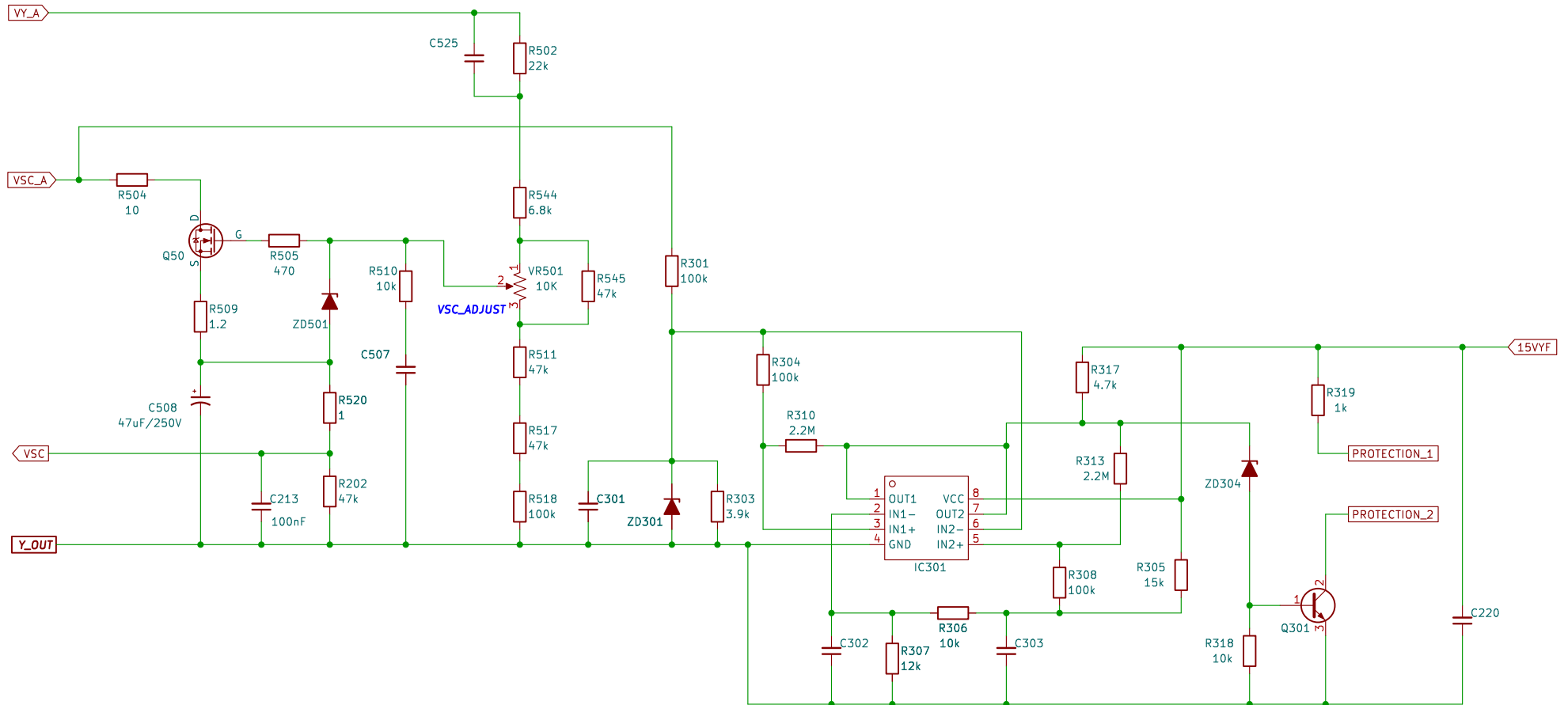
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**Title: Y BOARD LG PLASMA TV PANEL**

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

**Rev: 1.0**  
Id: 2/9

# VSC and VY (Part 2 of 3)



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

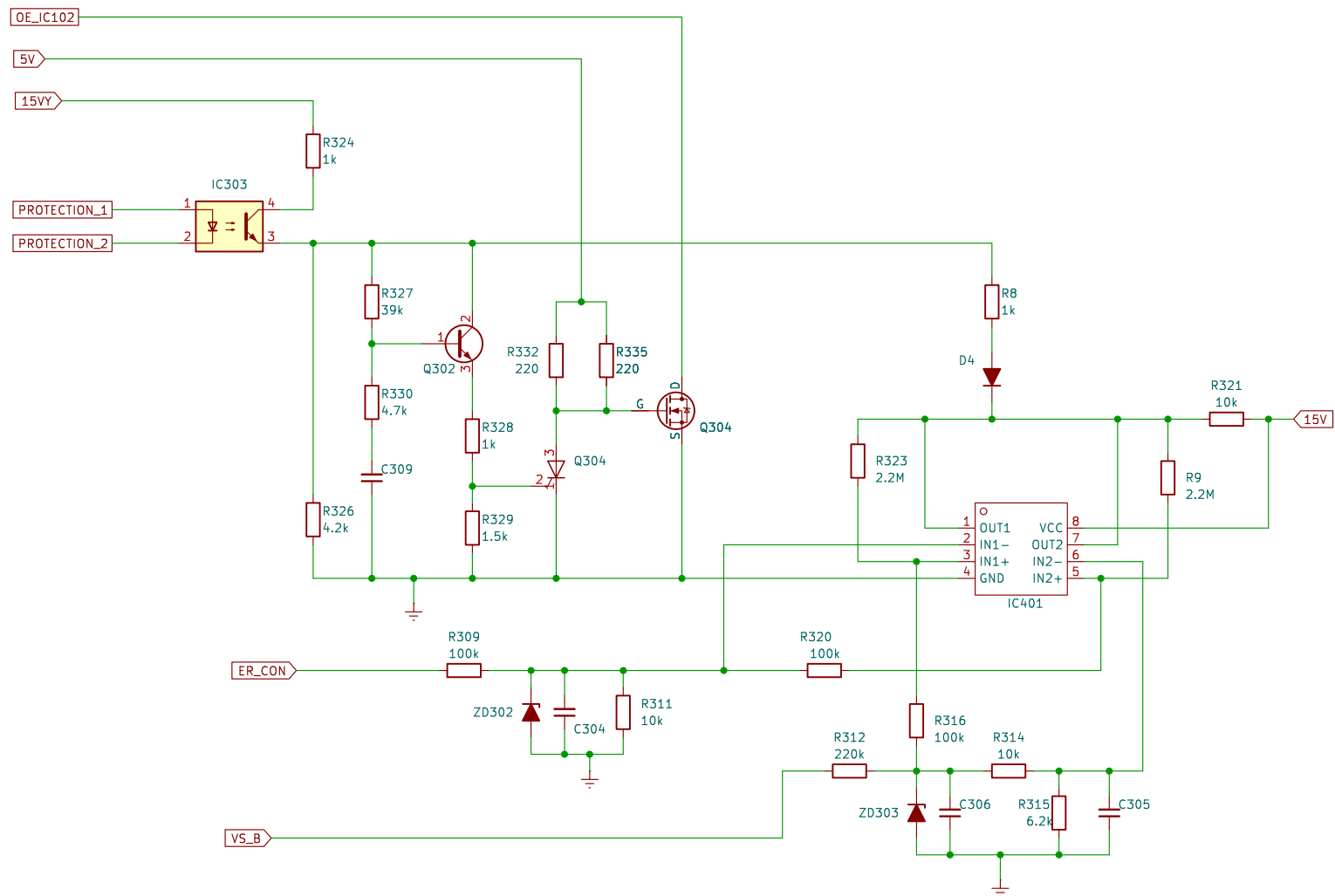
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**Title: Y BOARD LG PLASMA TV PANEL**

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

**Rev: 1.0**  
 Id: 3/9

# VSC and VY (Part 3 of 3)



Author: Fábio Pereira da Silva

Sheet: /VSC and VY (Part 3 of 3)/  
File: vsc\_and\_vy\_part3\_of\_3.kicad\_sch

**Title: Y BOARD LG PLASMA TV PANEL**

Size: A4

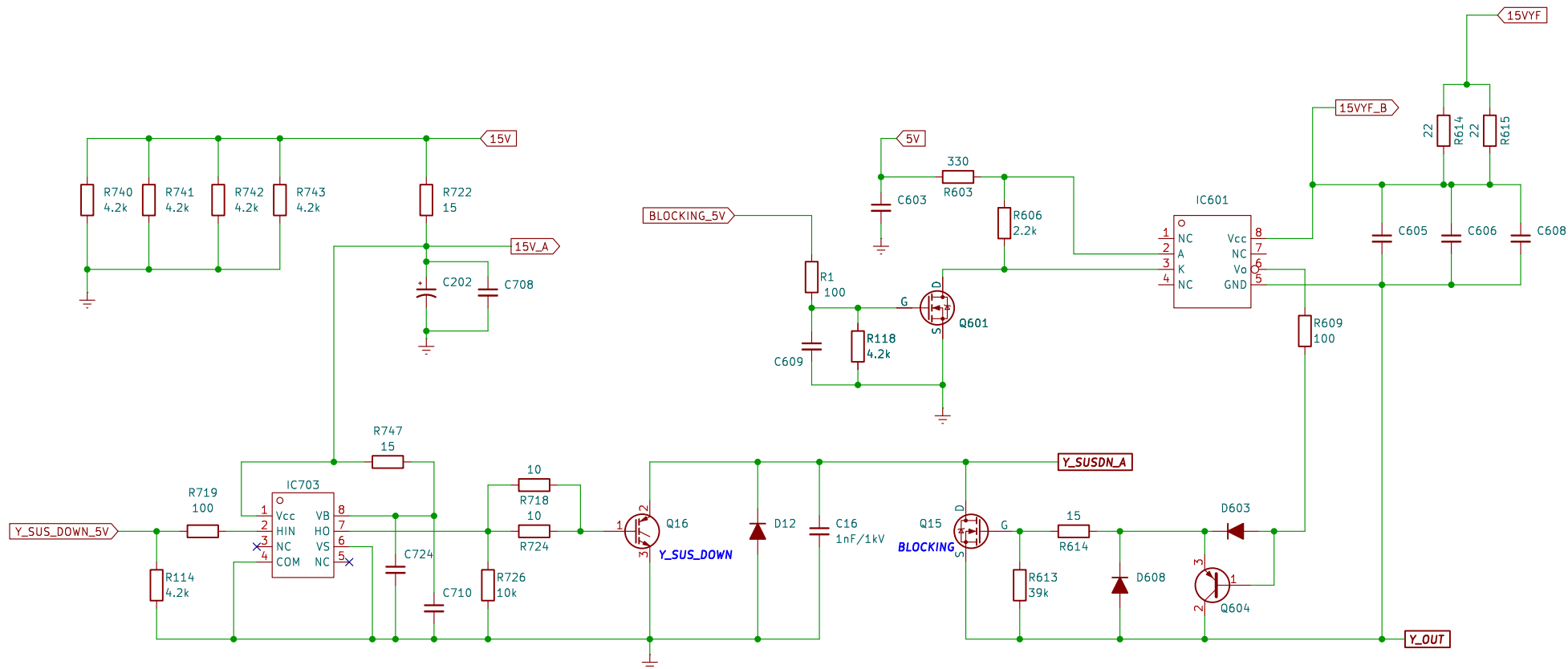
Date: 2025-03-24

KiCad E.D.A. 8.0.9

Rev: 1.0

Id: 4/9

# Y BLOCKING AND Y SUS DOWN



Y\_BLOCKING | Y\_SUS\_DOWN  
 Author: Fábio Pereira da Silva

Sheet: /Y\_SUS\_DOWN\_AND\_Y\_BLOCKING/  
 File: y\_sus\_dn\_and\_blocking.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: 5/9

[illegible]

Author: Fábio Pereira da Silva

File: y\_er\_down.kicad\_sch

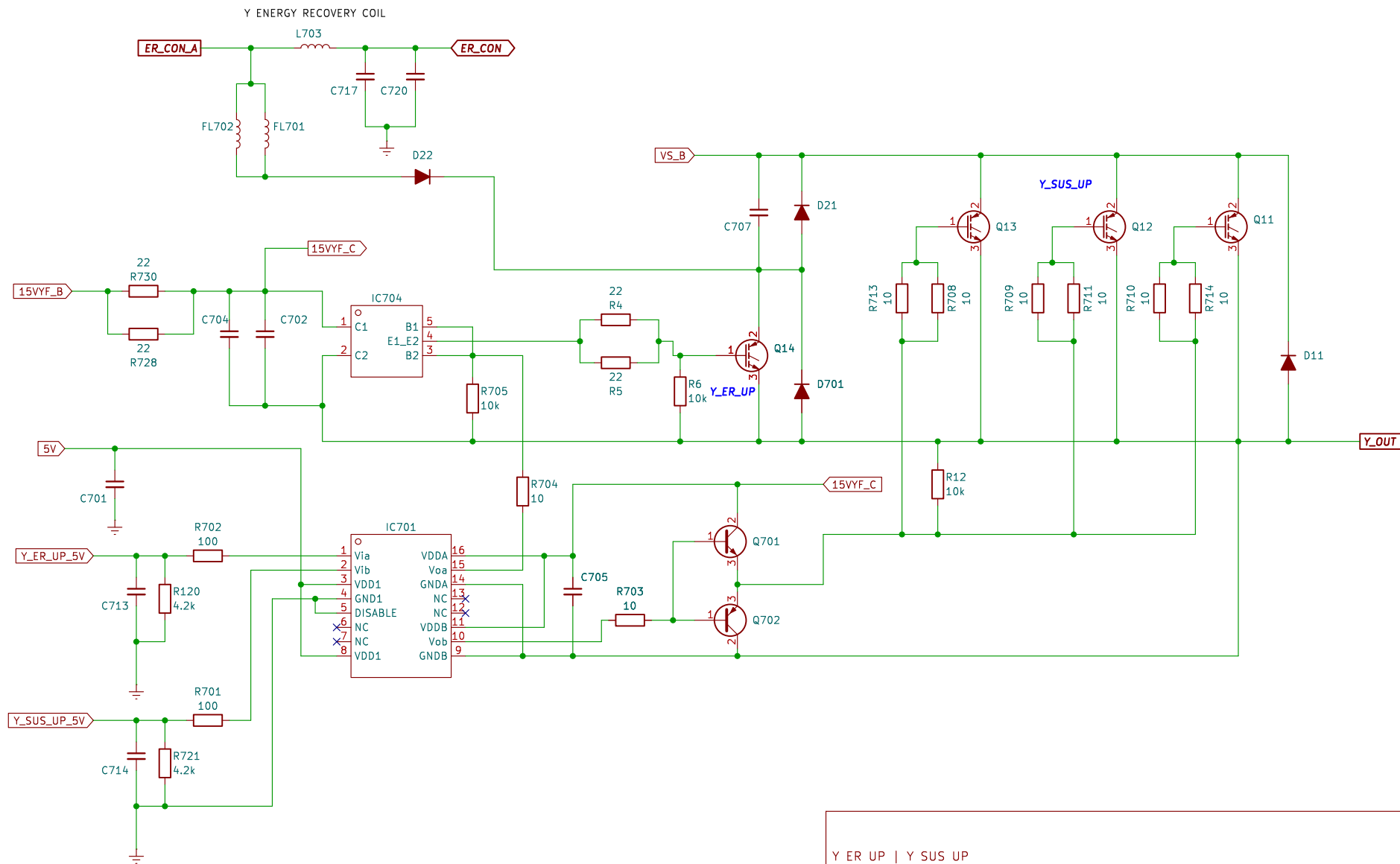
Title: Y BOARD LG PLASMA TV PANEL

Date: 2025-03-24

SIZE: A1	
KiCad E.D.A. 8.0.9	

Id: 6/9

# Y ENERGY RECOVERY UP AND Y SUS UP



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

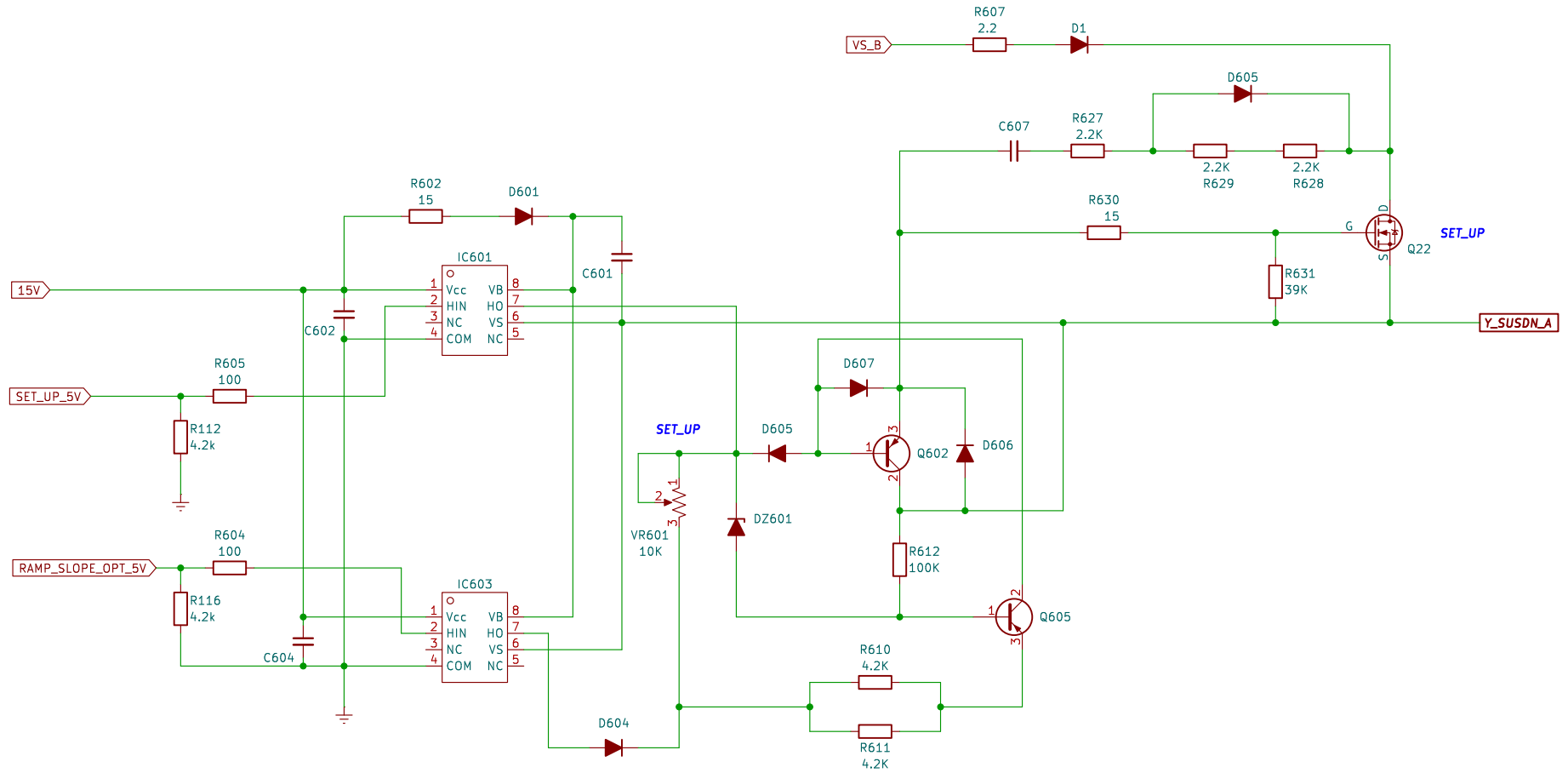
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**Title: Y BOARD LG PLASMA TV PANEL**

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

Rev: 1.0  
Id: 7/9

# SET UP



Set Up  
Author: Fábio Pereira da Silva

Sheet: /SetUp/  
File: set\_up.kicad\_sch

**Title: Y BOARD LG PLASMA TV PANEL**

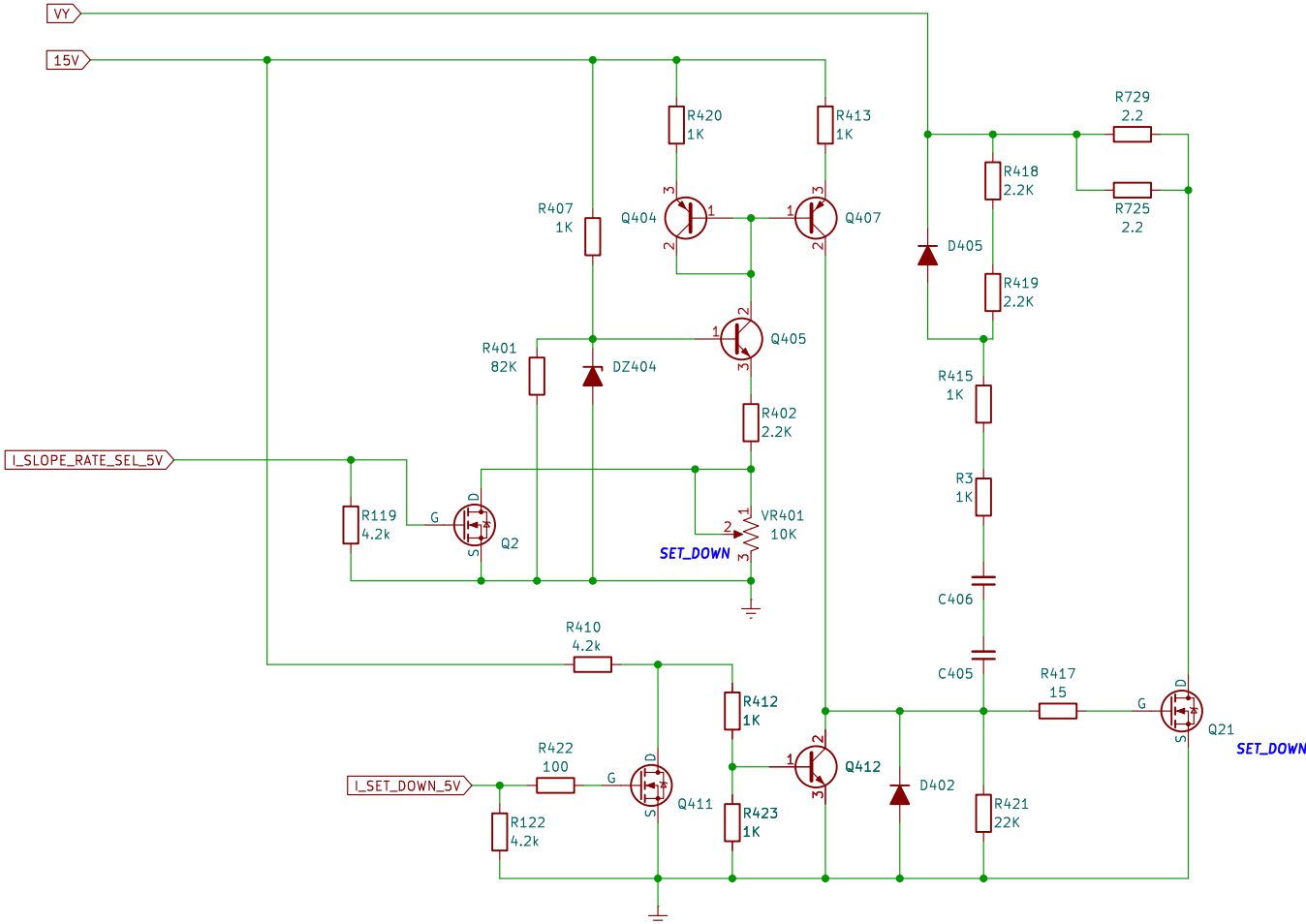
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Date: 2025-03-24

KiCad E.D.A. 8.0.9

Rev: 1.0  
Id: 8/9



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

Rev: 1.0

KiCad E.D.A. 8.0.9

Id: 9/9