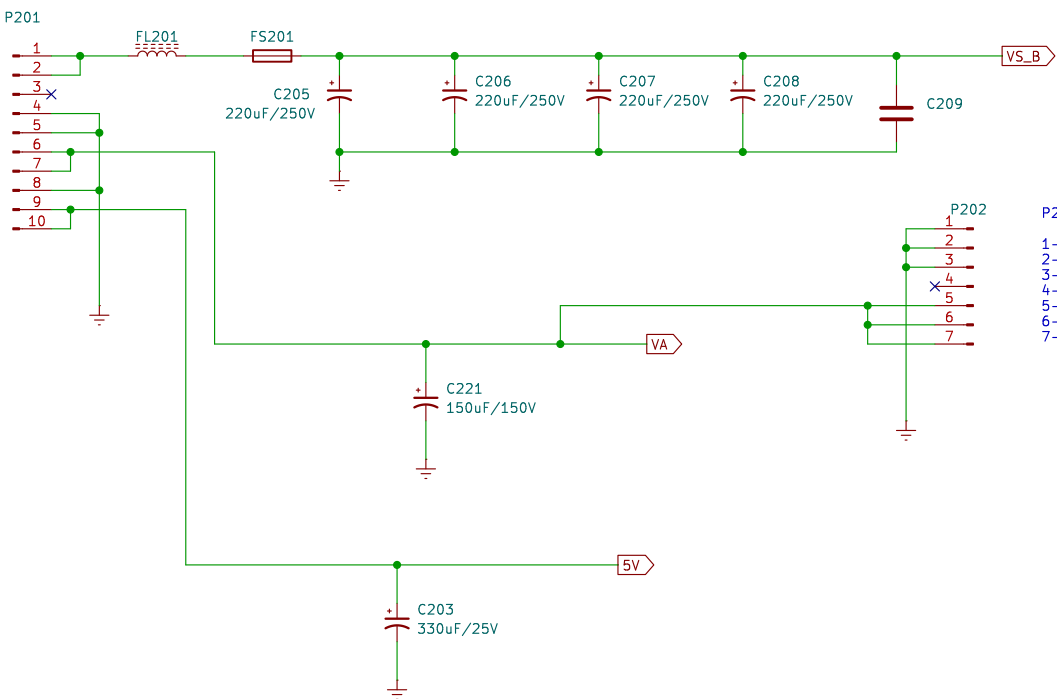


# VOLTAGES SUPPLY

P201 (Input Power Supply)

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



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	Rev: 1.0
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*Input Control (Part 1 of 3)*

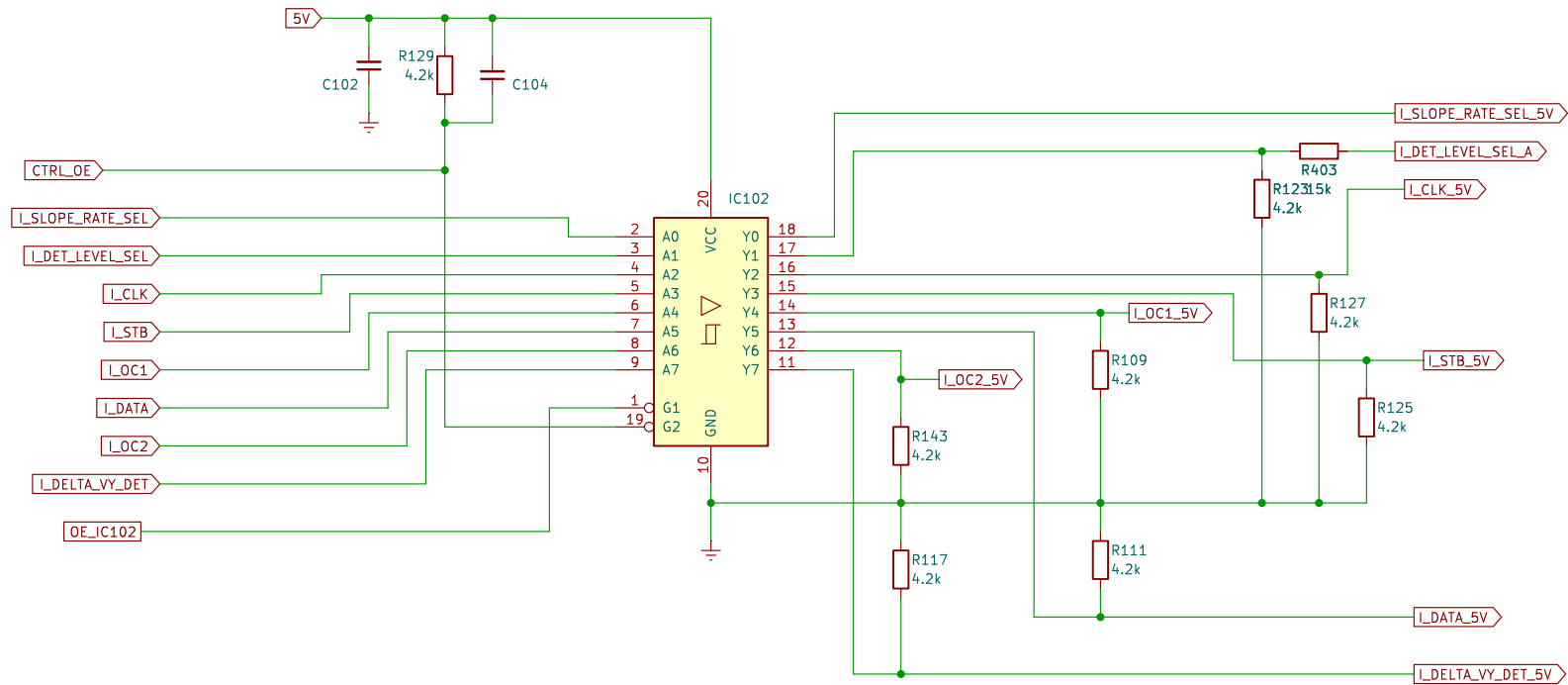
Input Control (Part 1 of 3)  
Author: Fábio Pereira da Silva

Sheet: /Input control (Part 1 of 3)/  
File: input\_control.kicad\_sch

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

Size: A4	Date: 2025-03-24	<b>Rev: 1.0</b>
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# Input Control (Part 2 of 3)



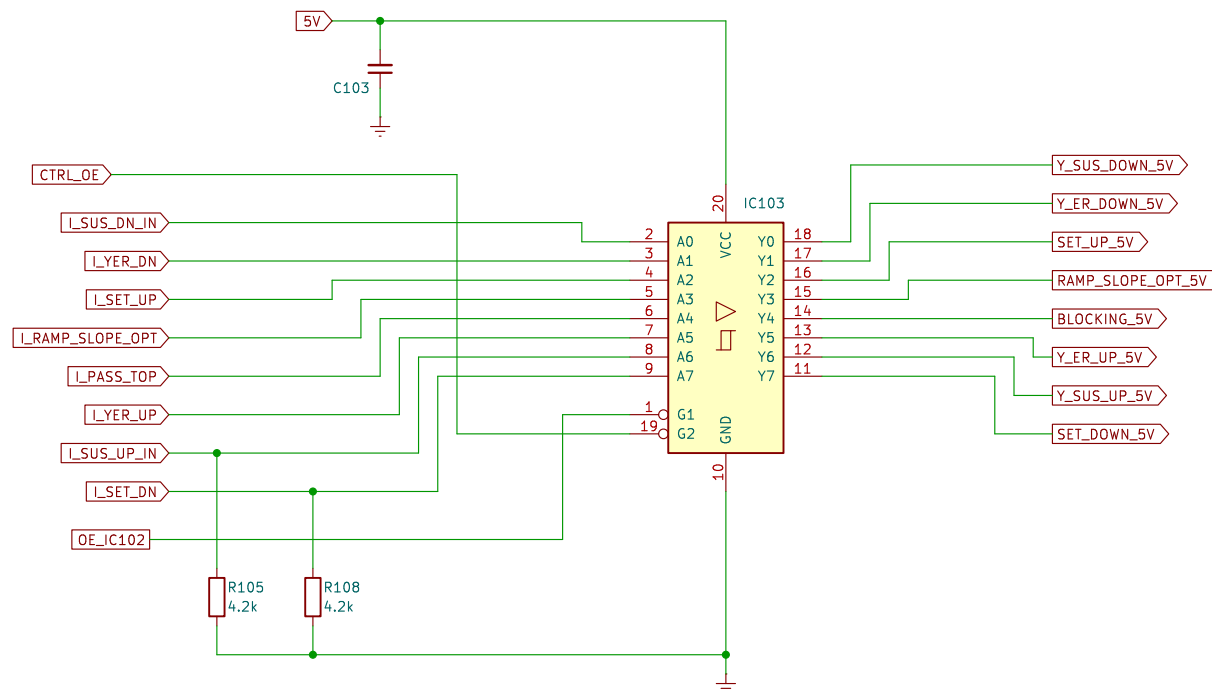
Input Control (Part 2 of 3)  
Author: Fábio Pereira da Silva

Sheet: /Input control (Part 2 of 3)/  
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**Title: Y BOARD LG PLASMA TV PANEL**

Size: A4	Date: 2025-03-24	Rev: 1.0
KiCad E.D.A. 8.0.9		Id: 3/13

# Input Control (Part 3 of 3)



Input Control (Part 3 of 3)  
Author: Fábio Pereira da Silva

Sheet: /Input control (Part 3 of 3)/  
File: input\_control3.kicad\_sch

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

Size: A4

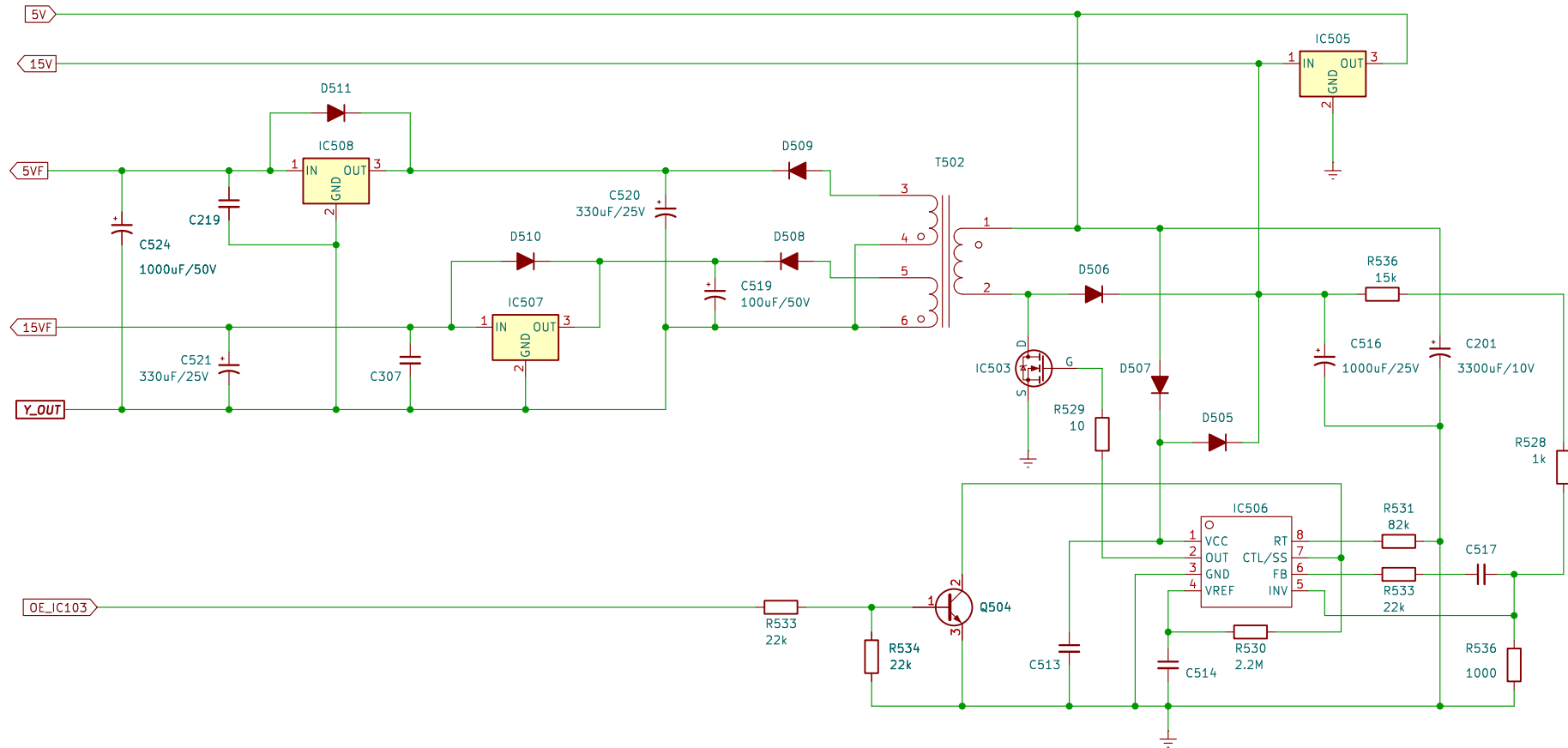
Date: 2025-03-24

Rev: 1.0

KiCad E.D.A. 8.0.9

Id: 4/13

# 5VF, 15VF and 15V Supply



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

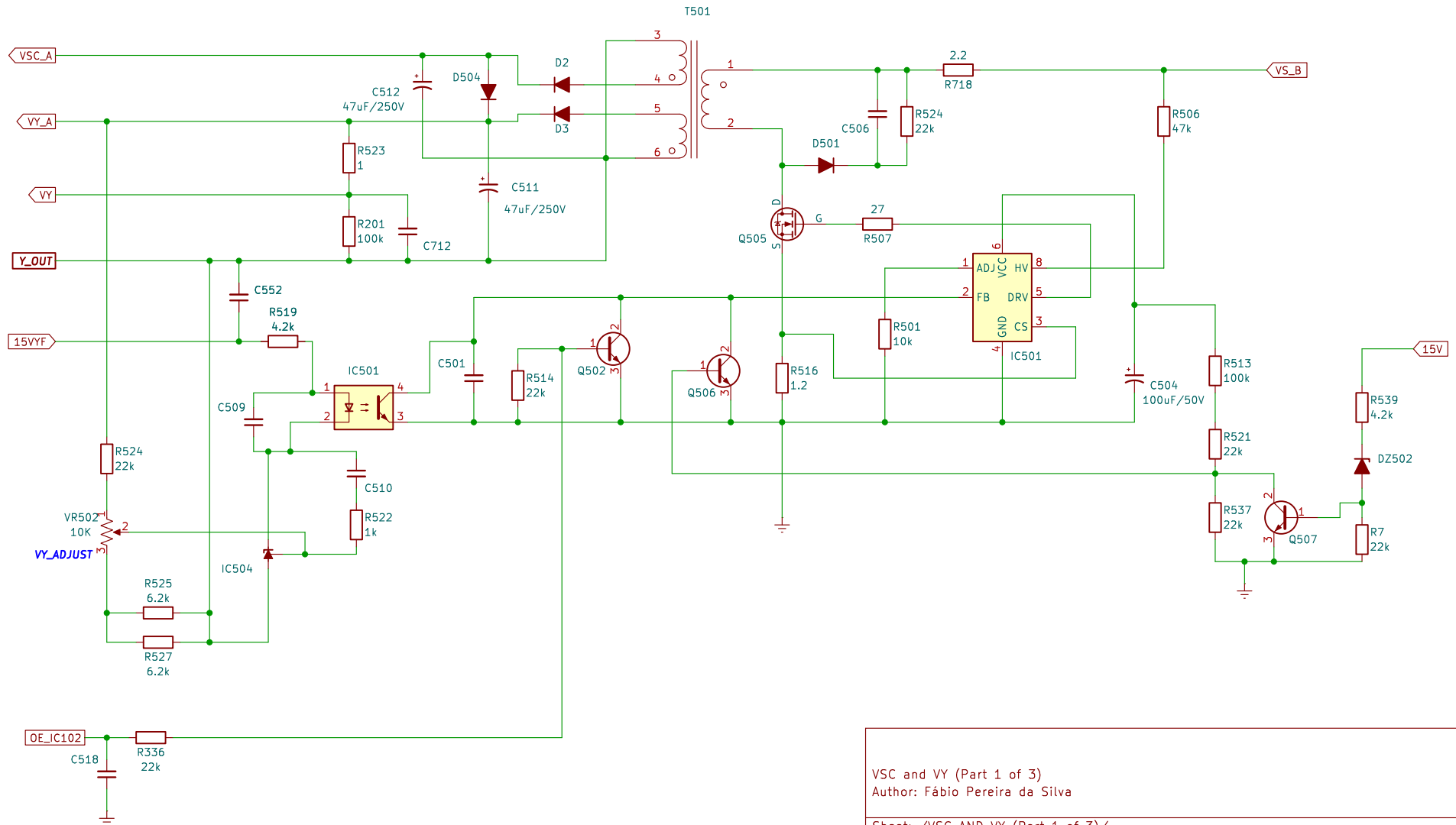
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**Title: Y BOARD LG PLASMA TV PANEL**

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

Rev: 1.0  
 Id: 5/13

# VSC and VY (Part 1 of 3)



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

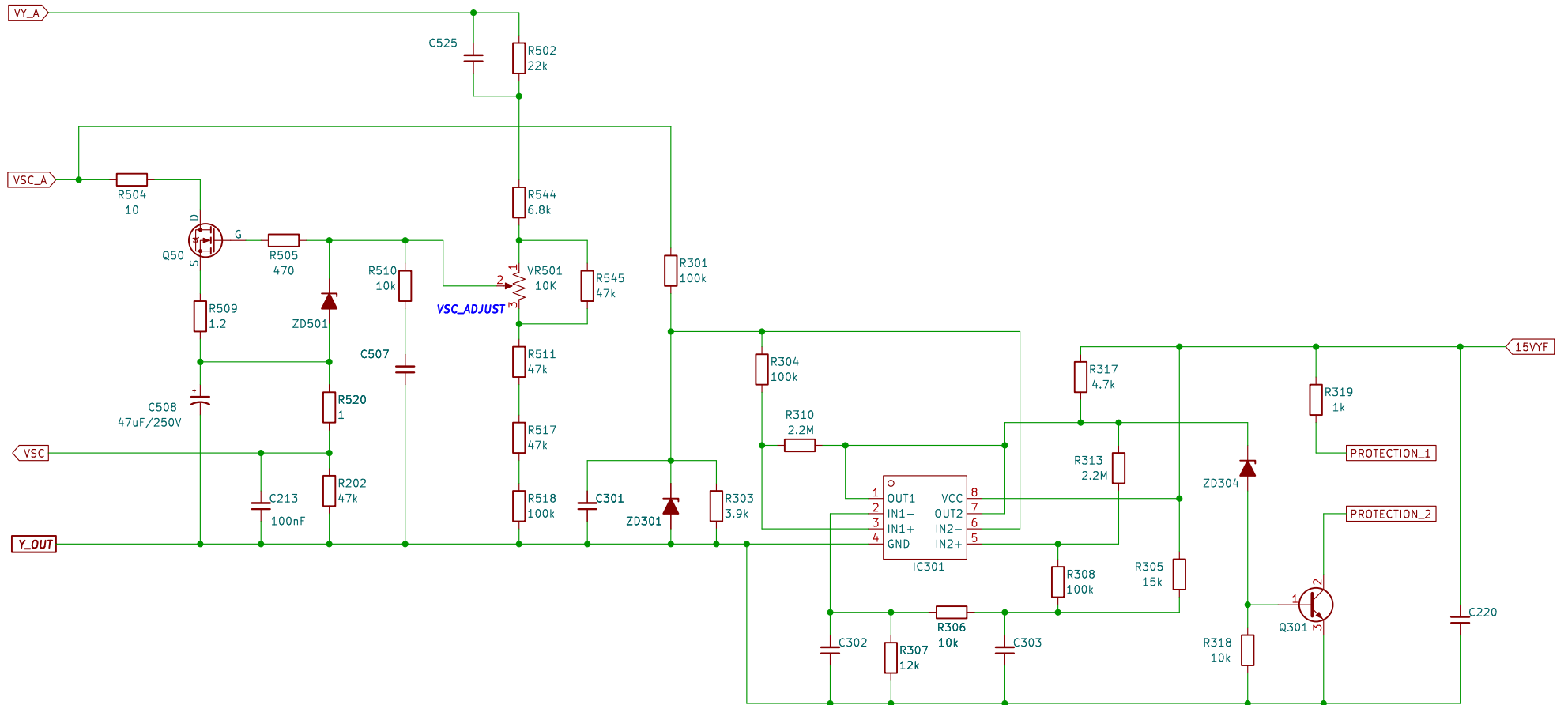
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**Title: Y BOARD LG PLASMA TV PANEL**

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

Rev: 1.0  
Id: 6/13

# VSC and VY (Part 2 of 3)



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

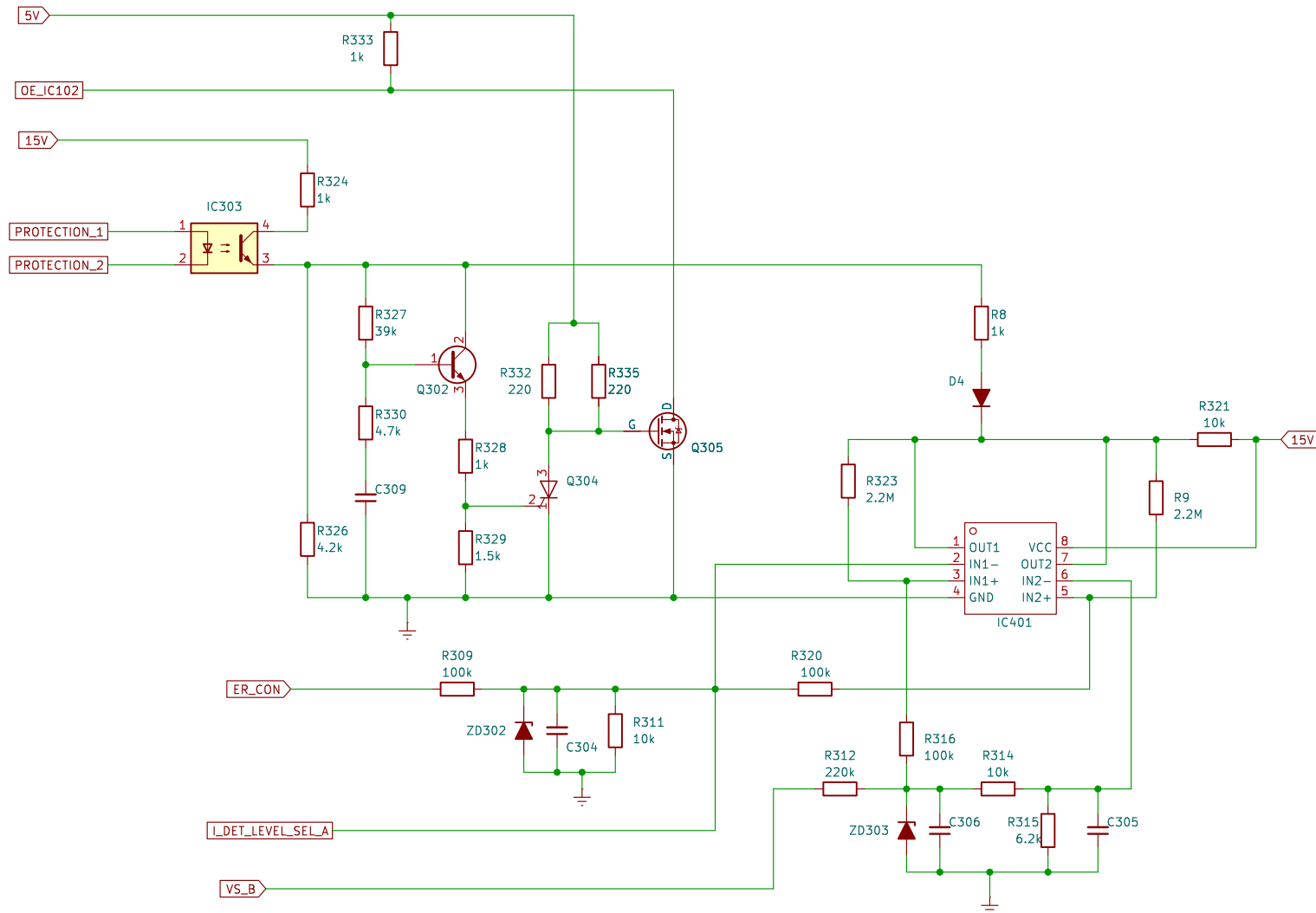
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**Title: Y BOARD LG PLASMA TV PANEL**

Size: A4 Date: 2025-03-24  
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Rev: 1.0  
Id: 7/13

# 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

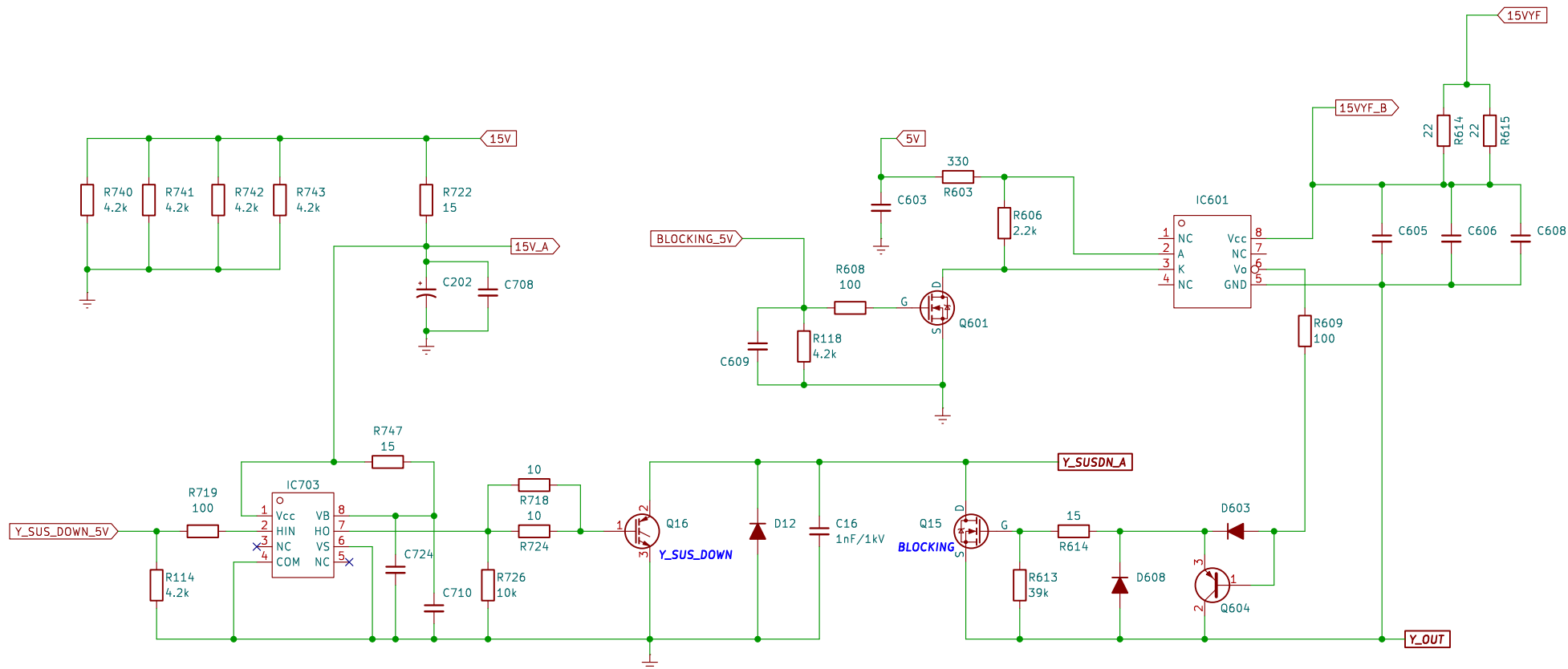
Rev: 1.0

KiCad E.D.A. 8.0.9

Id: 8/13



## 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**

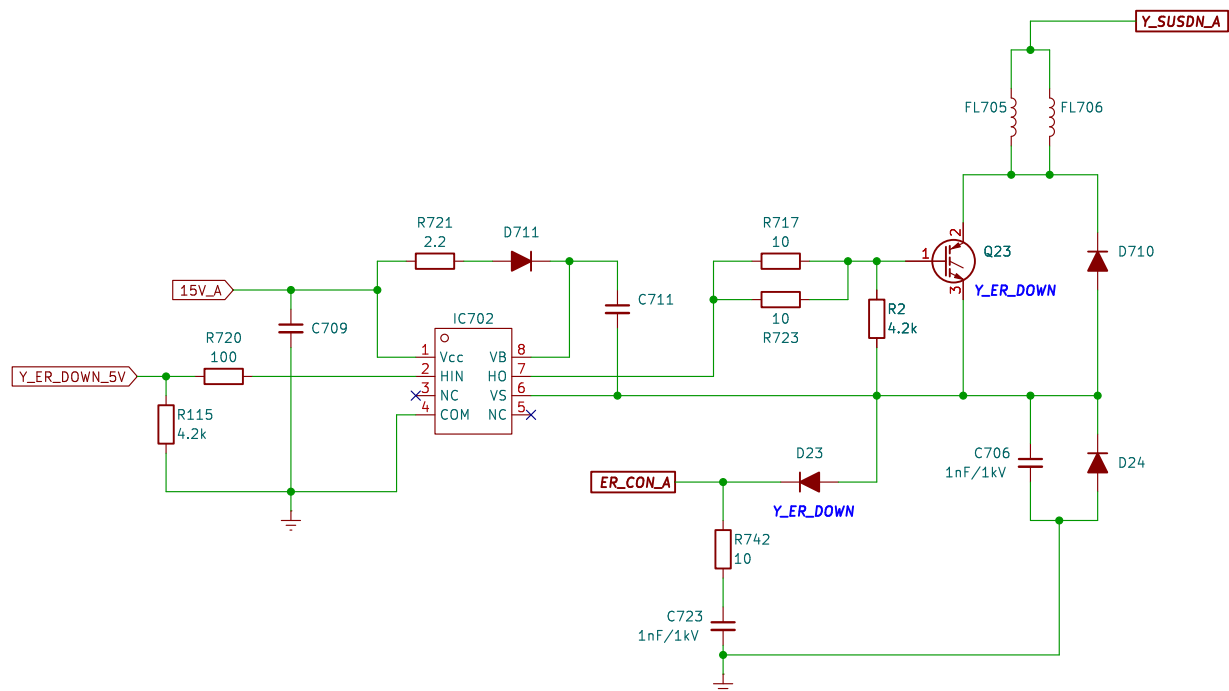
Size: A4	
KiCad E.D.A. 8.0.9	

Date: 2025-03-24

Rev: 1.0

Id: 9/13

# Y ENERGY RECOVERY DOWN



Y ER DOWN  
Author: Fábio Pereira da Silva

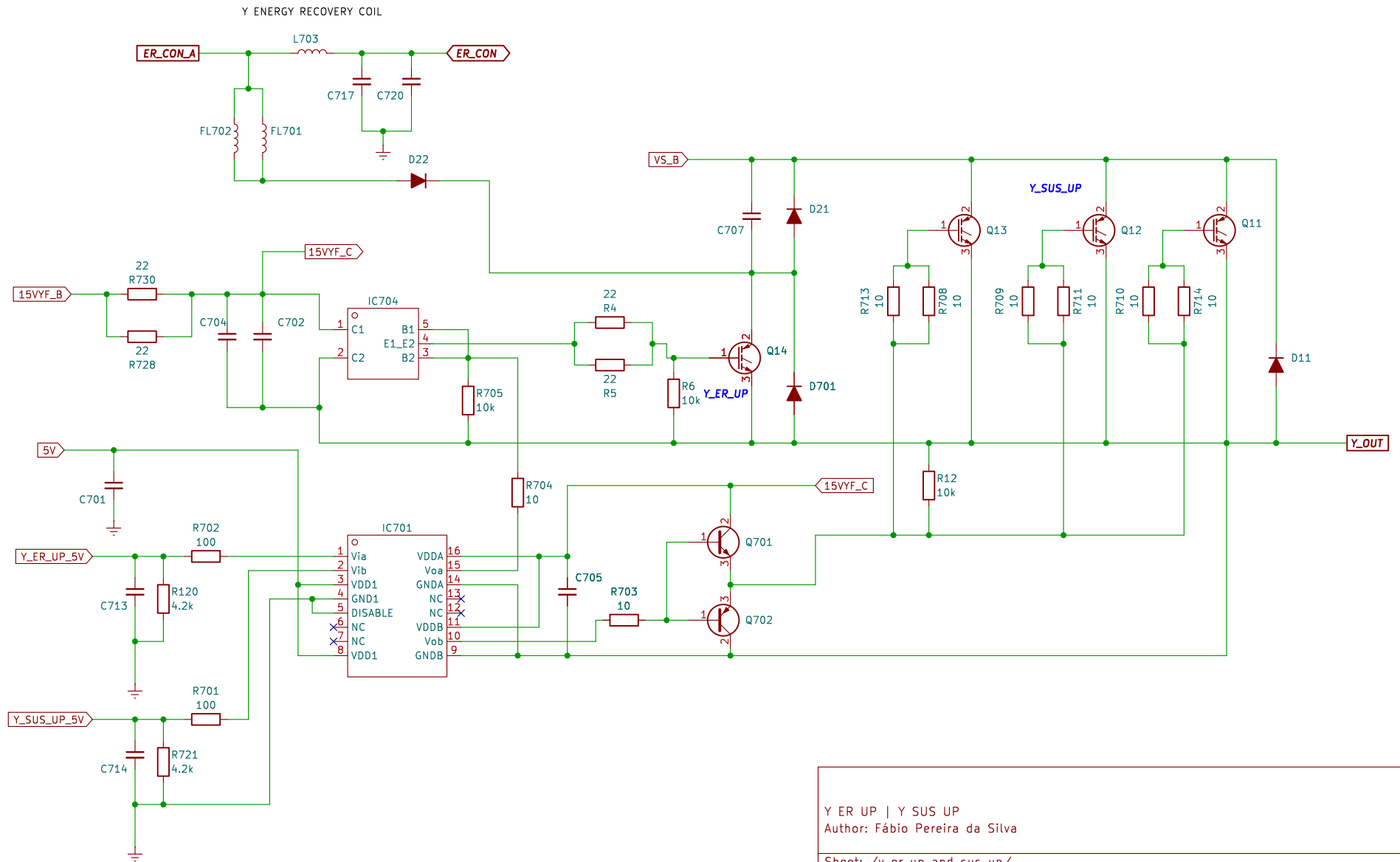
Sheet: /y\_er\_down/  
File: y\_er\_down.kicad\_sch

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

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

Rev: 1.0  
Id: 10/13

# Y ENERGY RECOVERY UP AND Y SUS UP



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

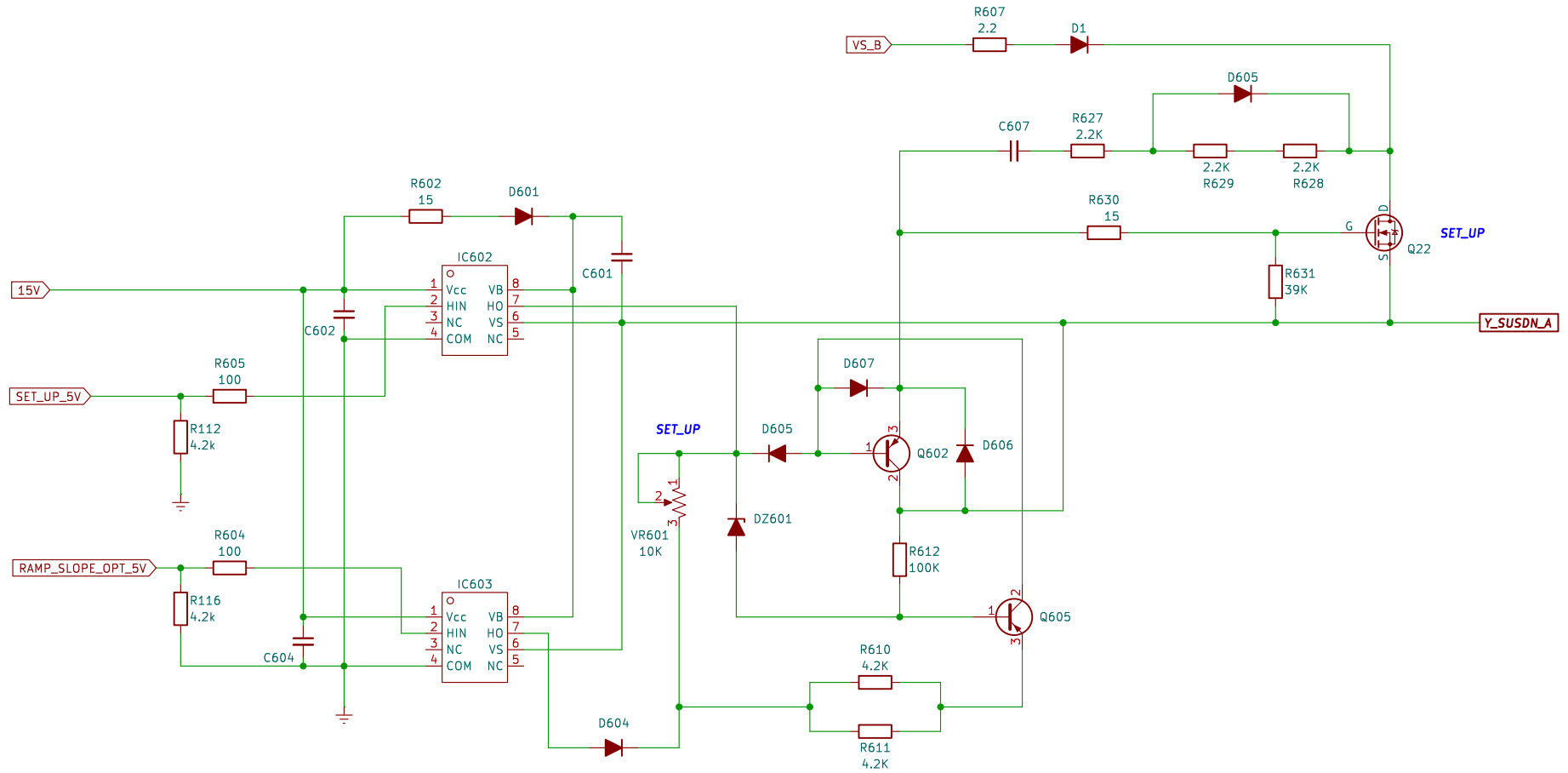
Sheet: /y\_er\_up\_and\_sus\_up/  
 File: y\_er\_up\_and\_sus\_up.kicad\_sch

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

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

Rev: 1.0  
 Id: 11/13

# SET UP



Set Up  
Author: Fábio Pereira da Silva

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

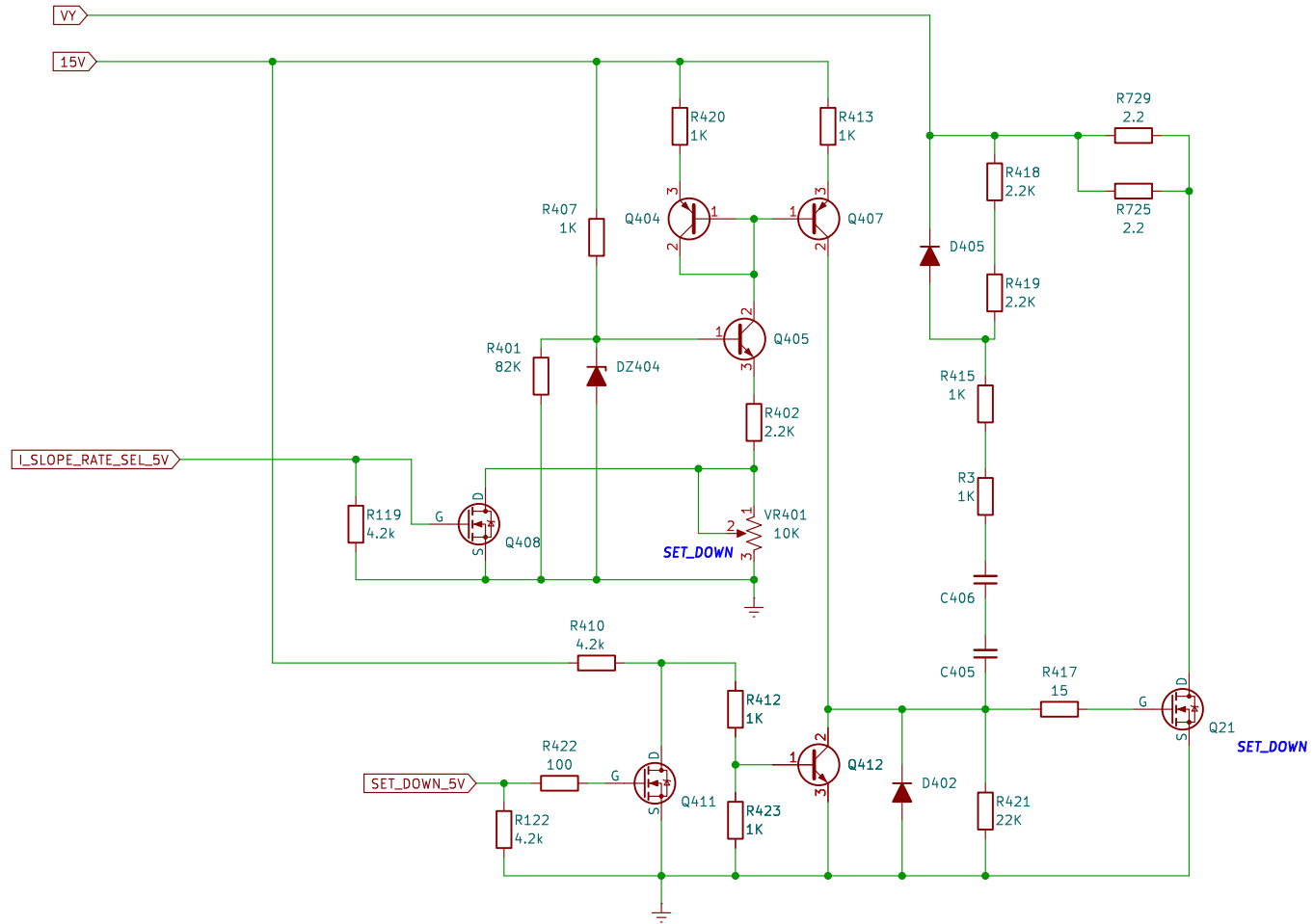
**Title: Y BOARD LG PLASMA TV PANEL**

Size: A4  
Date: 2025-03-24

KiCad E.D.A. 8.0.9

Rev: 1.0  
Id: 12/13

# 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: 13/13