



## Design PA3AXA

Sheet: /RF\_CONTROL/

File: rf\_control.kicad\_sch

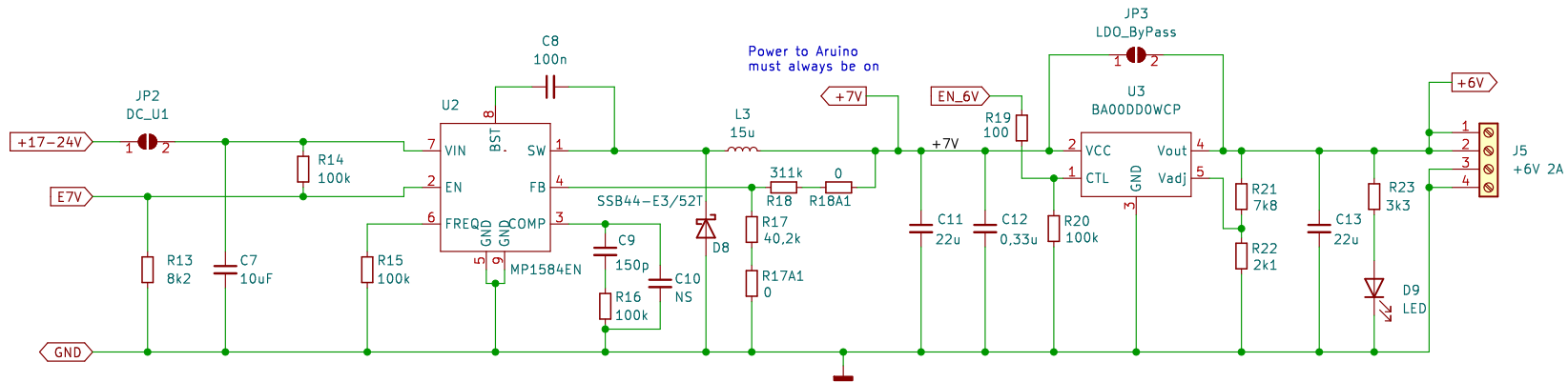
**Title: System Controller**

Size: A4	Date: 2022-07-29
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Rev: V1.0

Id: 2/6



Low Voltage Switch Off = 15,8V  
 $V_{IN} = 1,2 \times \frac{[R14+R13]}{R13}$

SW output set for 7V  
 $V_{out} = 0,8 \frac{(R18+R17)}{R17}$

LDO output set to 6V  
 $V_o = 1,270 \times \frac{[1+R21/R22]}{1}$

Power Supply 6V

**Design PA3AXA**

Sheet: /PSU\_6V/

File: psu\_6v.kicad\_sch

**Title: System Controller**

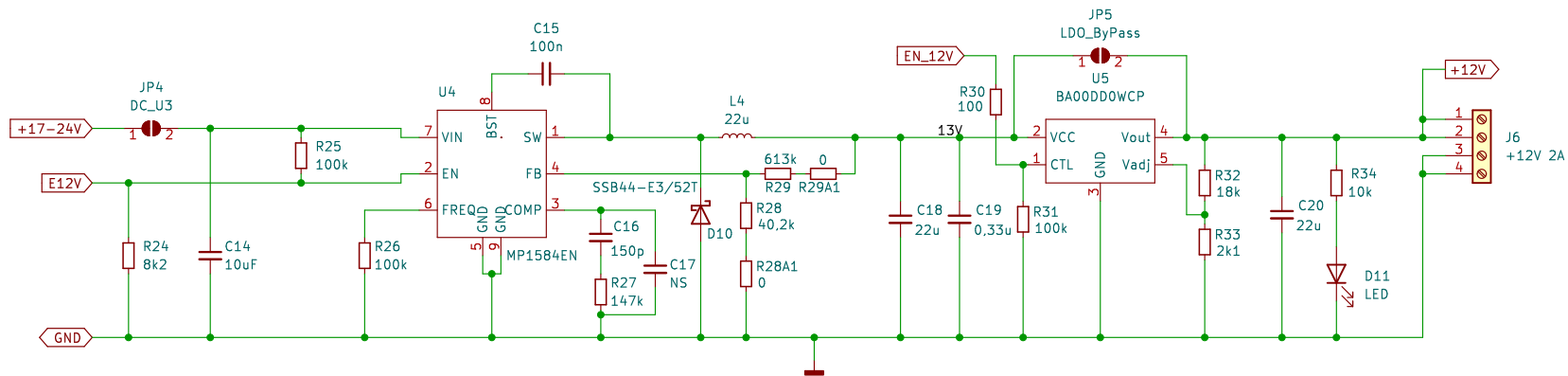
Size: A4

Date: 2022-07-29

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**Rev: V1.0**

Id: 3/6



Low Voltage Switch Off = 15.8V  

$$VIN = 1.2 \times [(R25+R24)/R24]$$

SW output set for 13V  

$$Vout = 0.8 (R29+R28)/R28$$

LDO output set to 12V  

$$Vo = 1.270 \times [1+R32/R33]$$

Power Supply 12V

### Design PA3AXA

Sheet: /PSU\_12V/

File: psu\_12V.kicad\_sch

### Title: System Controller

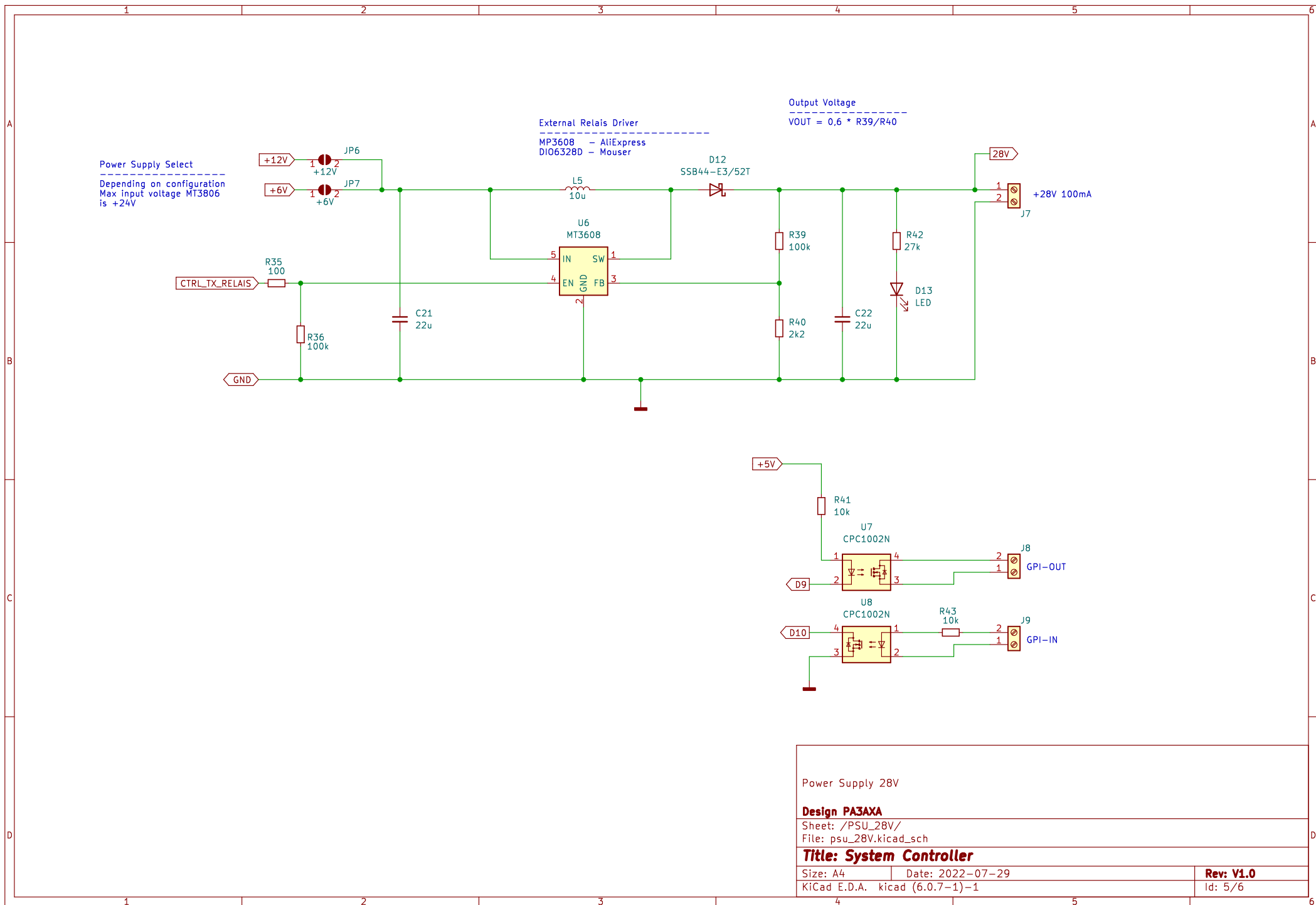
Size: A4

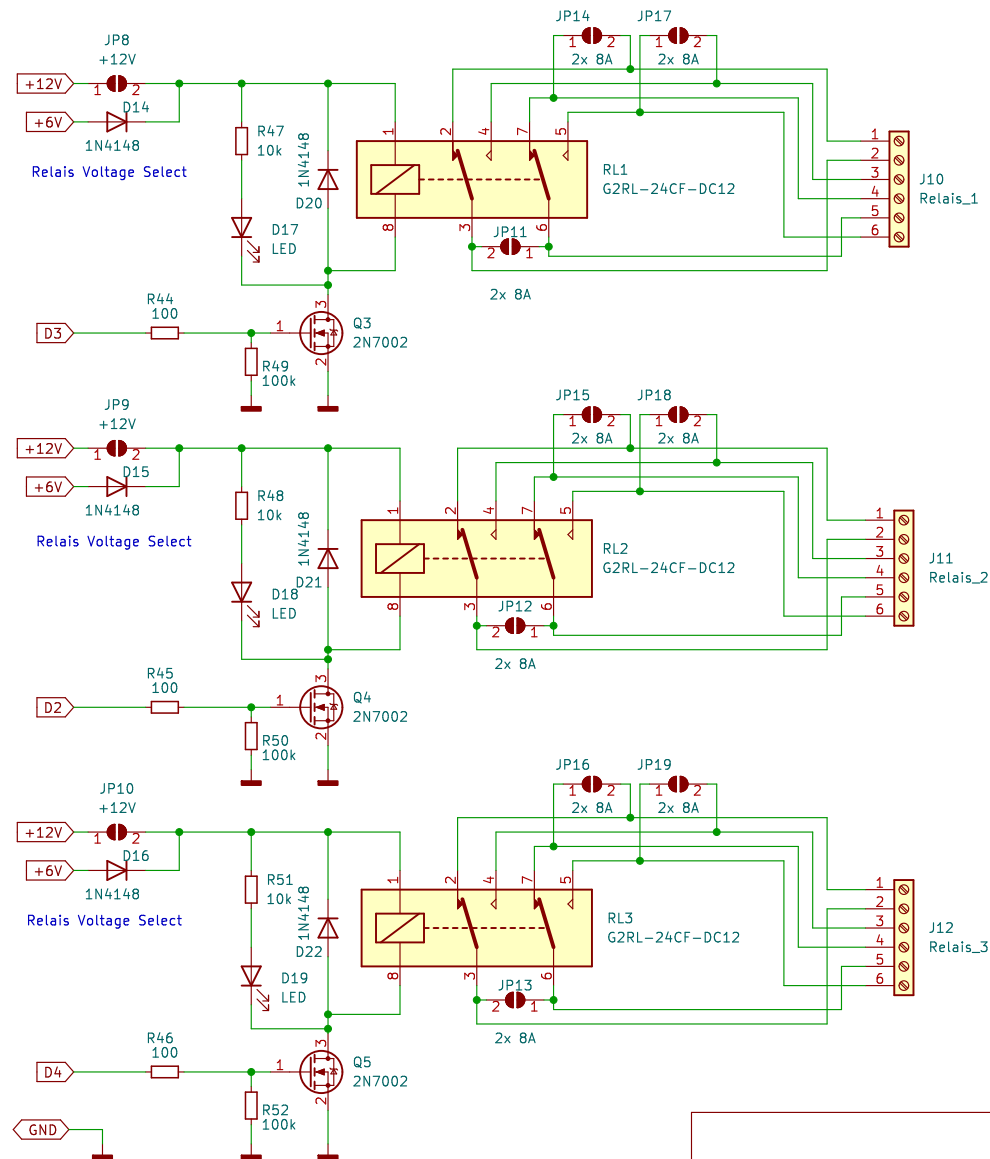
Date: 2022-07-29

Rev: V1.0

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Id: 4/6





Relais

**Design PA3AXA**

Sheet: /Relais/

File: relais.kicad\_sch

**Title: System Controller**

Size: A4

Date: 2022-07-29

**Rev: V1.0**

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