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**Title:**

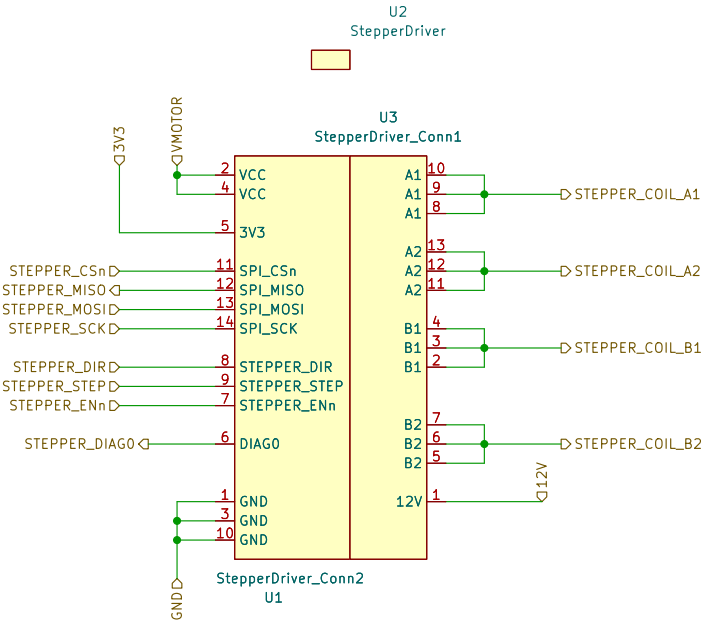
Size: A4  
KiCad E.D.A. kicad 6.0.11+dfsg-1-bpo11+1

Date:

Rev:

Id: 1/14

Stepper Driver Daughterboards



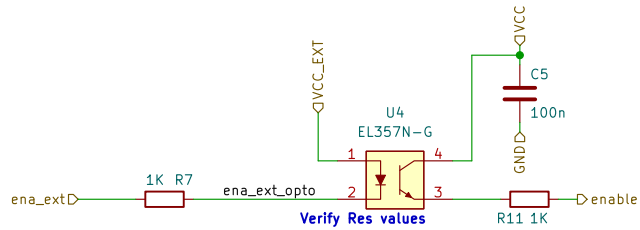
Sheet: /STEPPER DRIVER Y/  
File: stepper\_driver.kicad\_sch

**Title:**

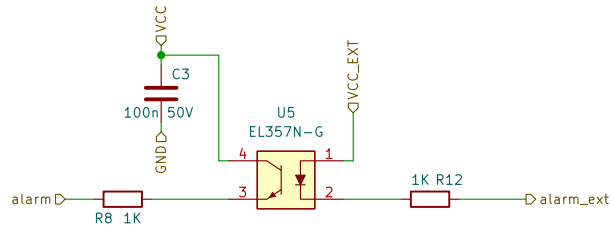
Size: A4 Date: KiCad E.D.A. kicad 6.0.11+dfsg-1-bpo11+1

Rev: Id: 2/14

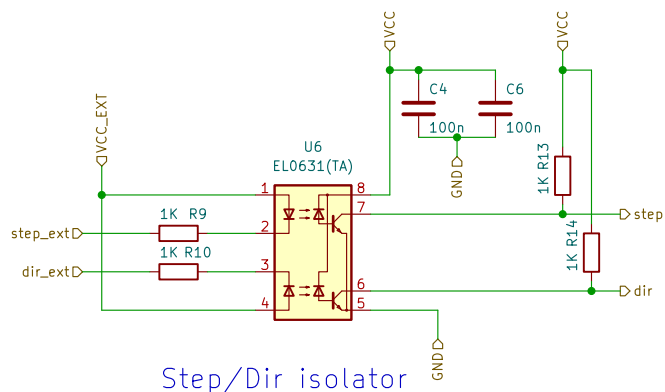
## Stepper Driver Isolators



Enable isolator



Alarm Isolator



Step/Dir isolator

Sheet: /Stepper Isolation 2/  
File: stepper\_isolation.kicad\_sch

### Title:

Size: A4

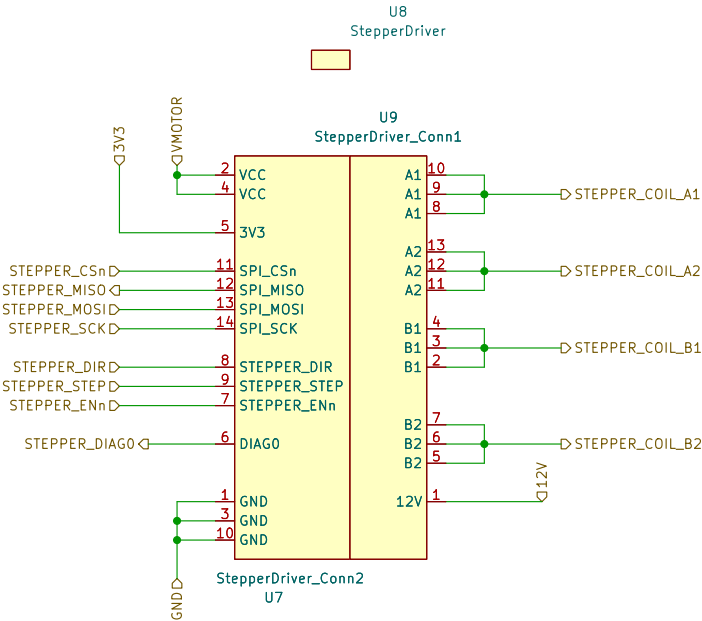
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KiCad E.D.A. kicad 6.0.11+dfsg-1-bpo11+1

Rev:

Id: 3/14

Stepper Driver Daughterboards



Sheet: /STEPPER DRIVER X/  
File: stepper\_driver.kicad\_sch

**Title:**

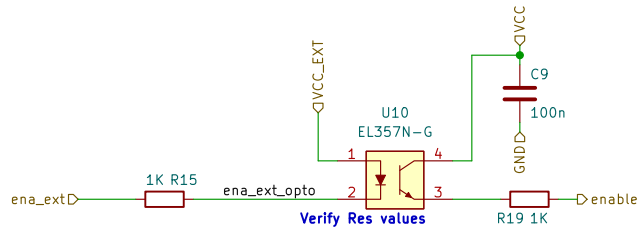
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KiCad E.D.A. kicad 6.0.11+dfsg-1-bpo11+1

Date:

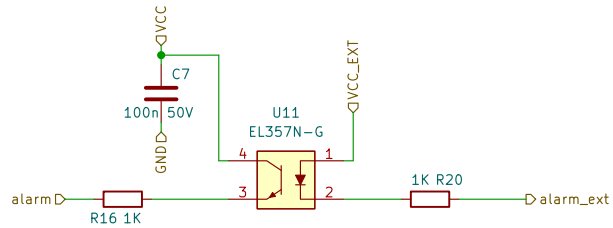
Rev:

Id: 4/14

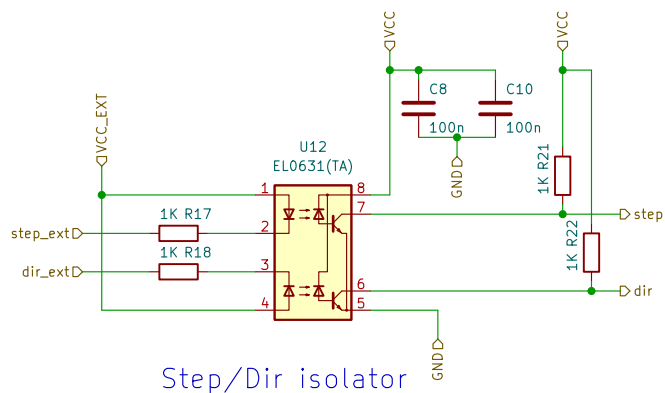
## Stepper Driver Isolators



Enable isolator



Alarm Isolator



Step/Dir isolator

Sheet: /Stepper Isolation 3/  
File: stepper\_isolation.kicad\_sch

### Title:

Size: A4

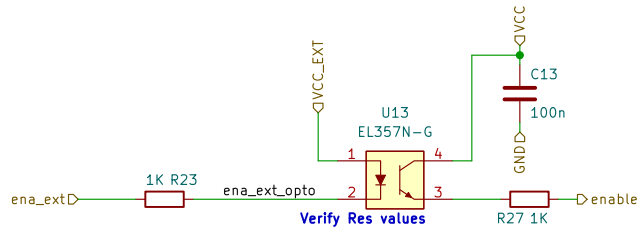
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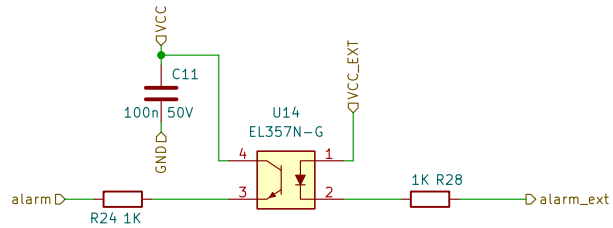
Rev:

Id: 5/14

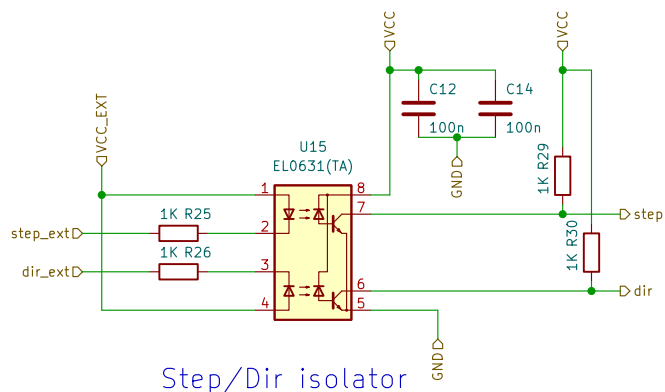
## Stepper Driver Isolators



Enable isolator



Alarm Isolator



Step/Dir isolator

Sheet: /Stepper Isolation 4/  
File: stepper\_isolation.kicad\_sch

### Title:

Size: A4

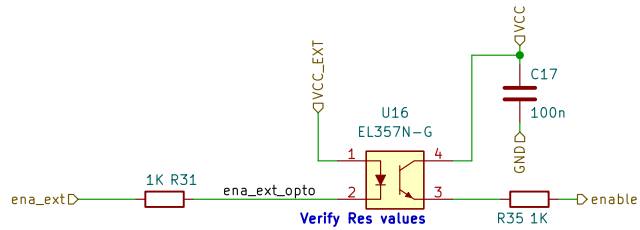
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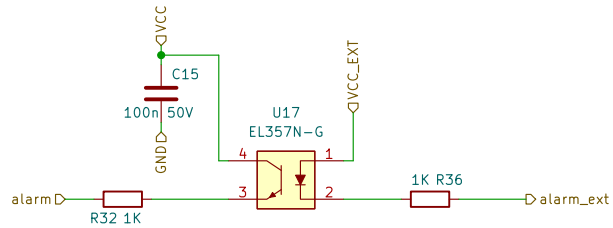
Rev:

Id: 6/14

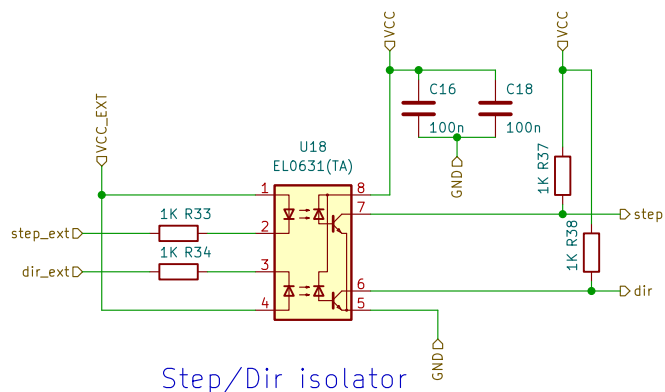
## Stepper Driver Isolators



Enable isolator



Alarm Isolator



Step/Dir isolator

Sheet: /Stepper Isolation 1/  
File: stepper\_isolation.kicad\_sch

### Title:

Size: A4

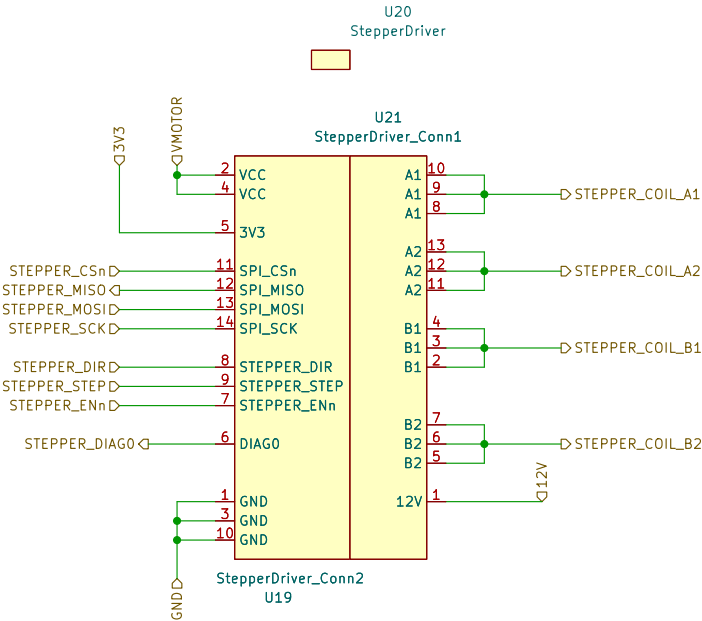
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KiCad E.D.A. kicad 6.0.11+dfsg-1-bpo11+1

Rev:

Id: 8/14

Stepper Driver Daughterboards



Sheet: /STEPPER DRIVER Z/  
File: stepper\_driver.kicad\_sch

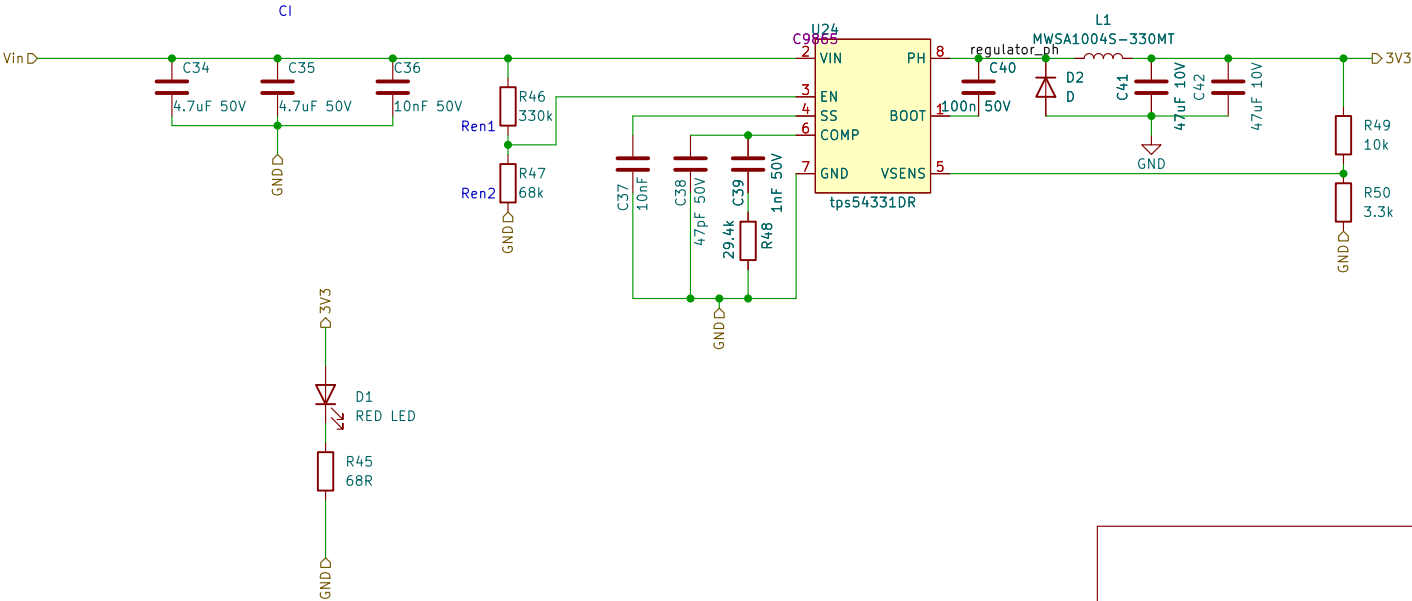
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Size: A4	Date:	Rev:
KiCad E.D.A. kicad 6.0.11+dfsg-1-bpo11+1		Id: 11/14





3.3V 1A Switching Regulator



Sheet: /3.3V 1A Switching regulator/  
File: switching\_regulator\_3V3.kicad\_sch

Title:

Size: A4

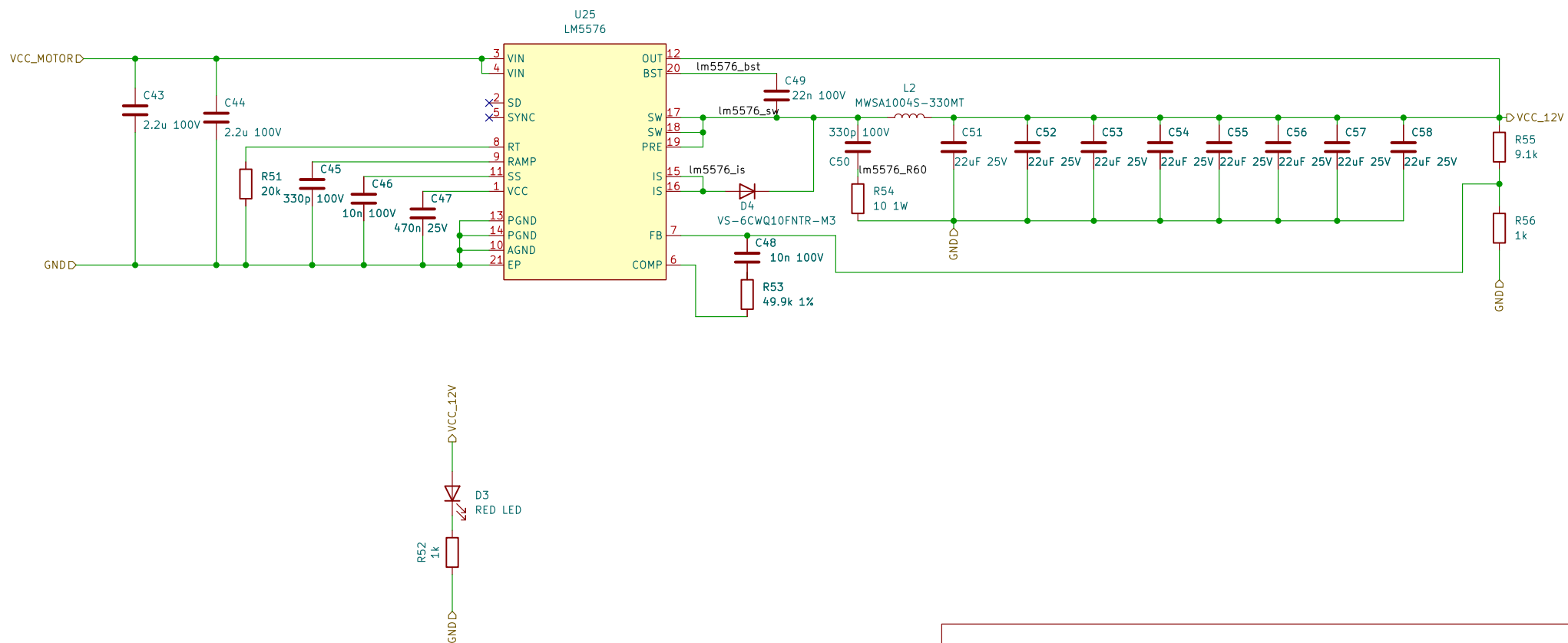
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Rev:

Id: 13/14

## 12V 3A Switching Regulator



Sheet: /12V 3A Switching Regulator/  
File: Isolated\_supply\_5V\_15W.kicad\_sch

**Title:**

Size: A4

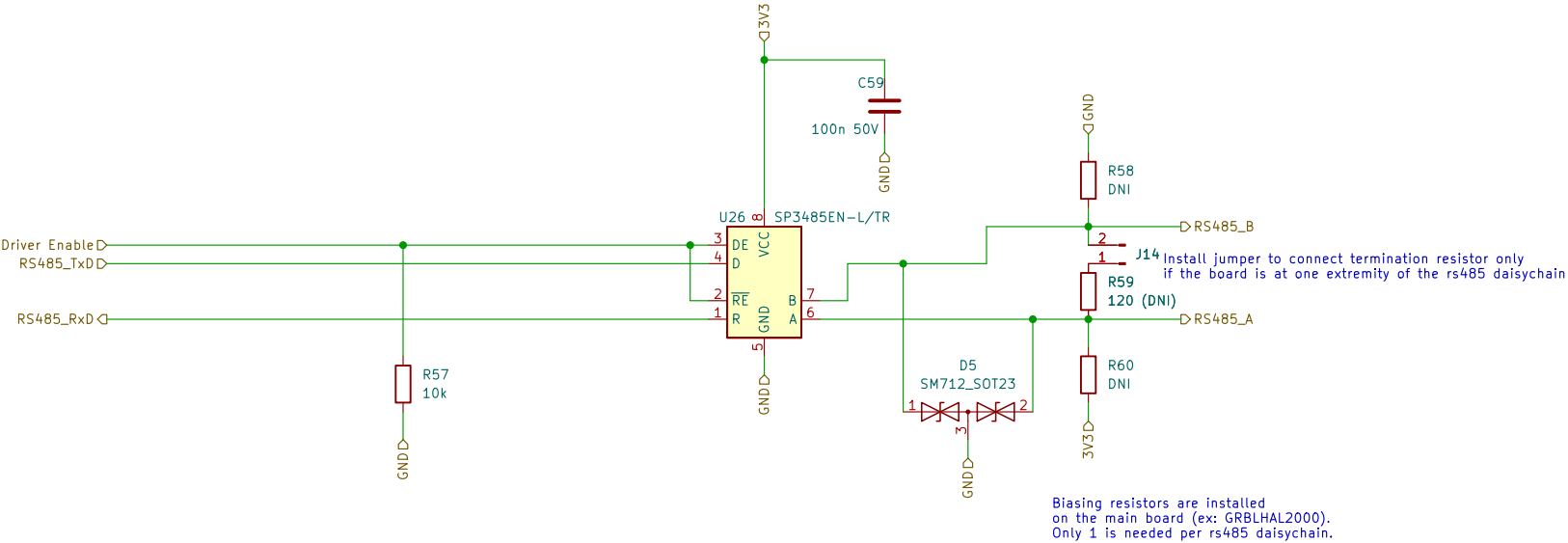
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KiCad E.D.A.	kicad 6.0.11+dfsg-1~bpo11+1
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Rev:

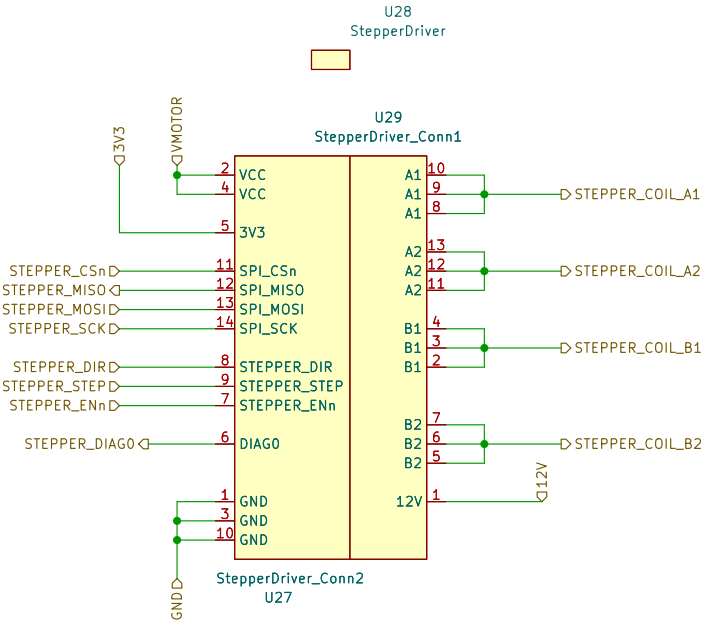
Id: 14/14

RS485 for Stepper Driver Configuration



Sheet: /RS485/ File: isolated_rs485.kicad_sch		
Title:		
Size: A4	Date:	Rev:
KiCad E.D.A. kicad 6.0.11+dfsg-1-bpo11+1		Id: 14/14

Stepper Driver Daughterboards



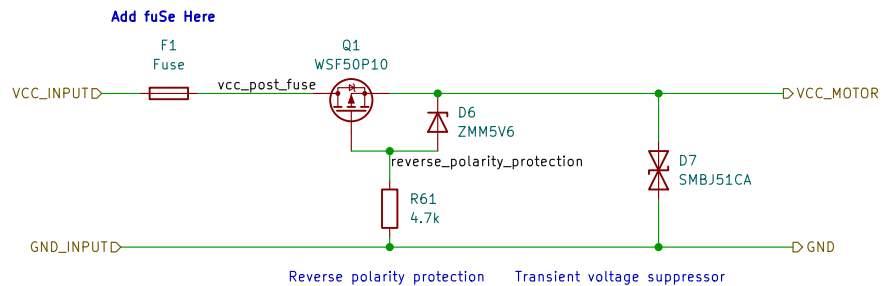
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Title:

Size: A4 Date:  
KiCad E.D.A. kicad 6.0.11+dfsg-1-bpo11+1

Rev:  
Id: 15/14

# Input Protection



Sheet: /Input\_Protection/  
File: Input\_Protection.kicad\_sch

## Title:

Size: A4

Date:

KiCad E.D.A. kicad 6.0.11+dfsg-1-bpo11+1

Rev:

Id: 31/14