

Power supply management is in top level document

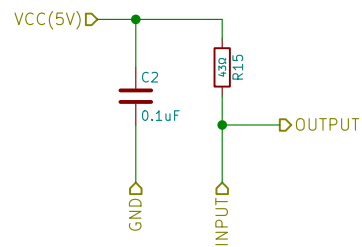
**Hitchcock Management**

Sheet: /hitchco-mk4/Divider1\_A/  
File: fileDivider1.sch

**Title: sensor-mcu**

Size: USLetter    Date: 2017-10-11  
KiCad E.D.A.    kicad 4.0.7

**Rev: 0.1**  
Id: 3/54



$$R2 = \text{SQRT}(R_{\text{MIN}} * R_{\text{MAX}})$$

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**Hitchcock Management**

Sheet: /hitchco-mk4/Divider2/

File: fileDivider2.sch

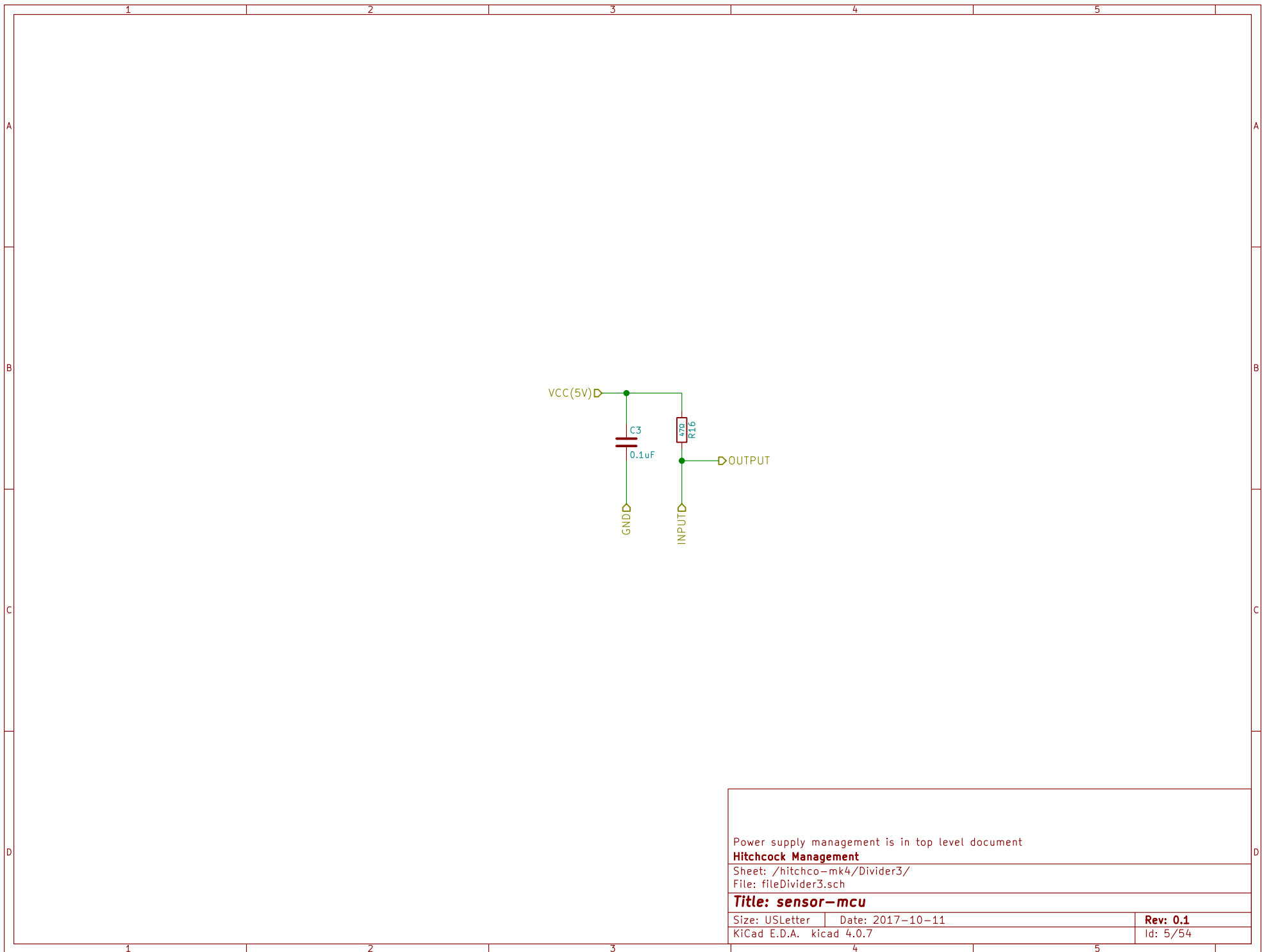
**Title: sensor-mcu**

Size: USLetter    Date: 2017-10-11

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**Hitchcock Management**

Sheet: /hitchco-mk4/Divider3/

File: fileDivider3.sch

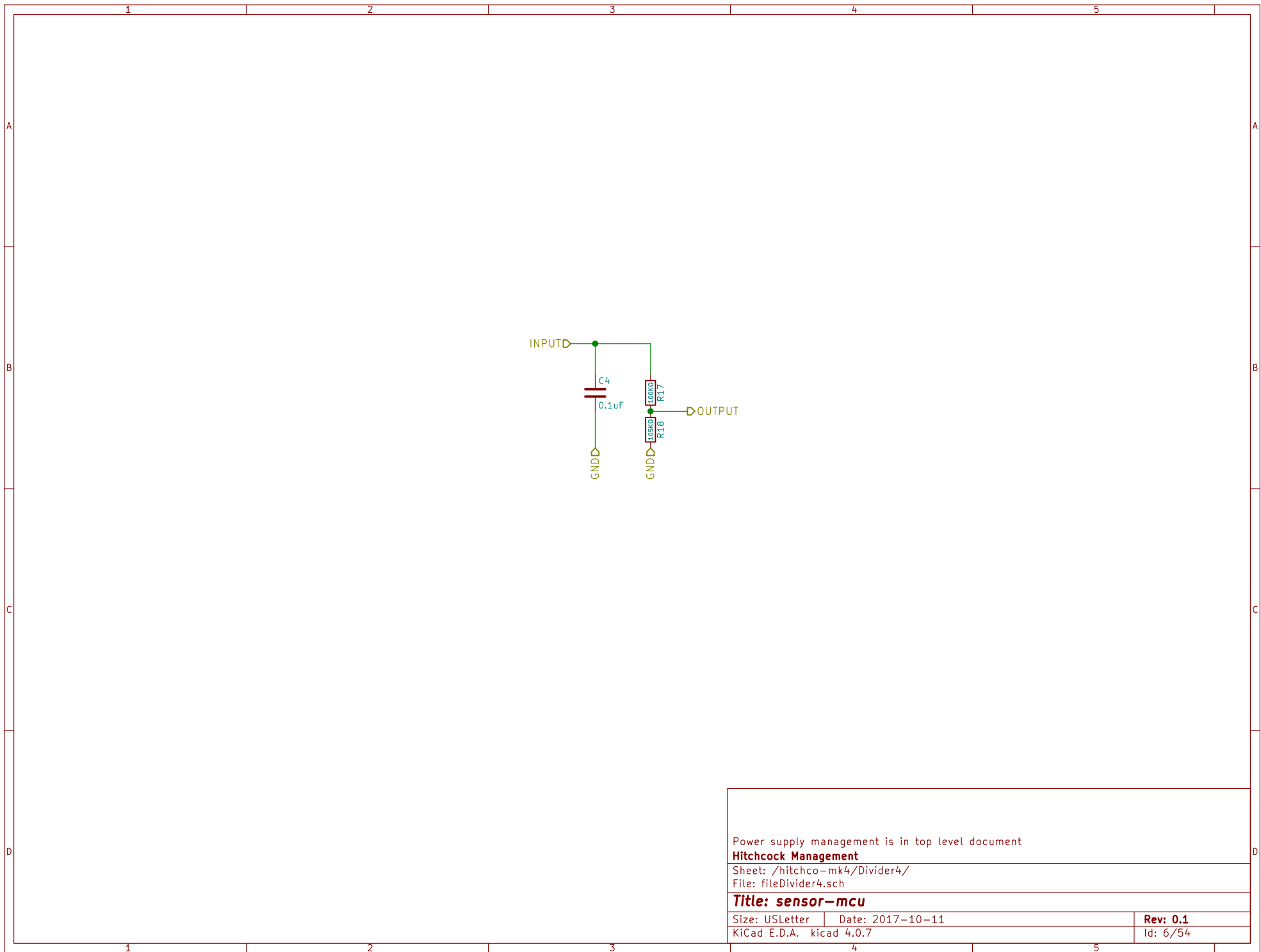
**Title: sensor-mcu**

Size: USLetter Date: 2017-10-11

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**Hitchcock Management**

Sheet: /hitchco-mk4/Divider4/

File: fileDivider4.sch

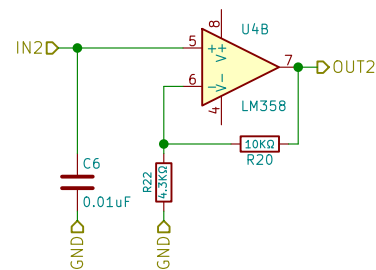
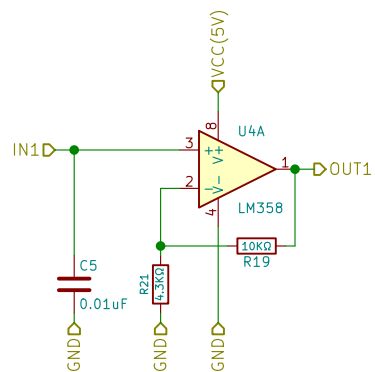
**Title: sensor-mcu**

Size: USLetter    Date: 2017-10-11

**Rev: 0.1**

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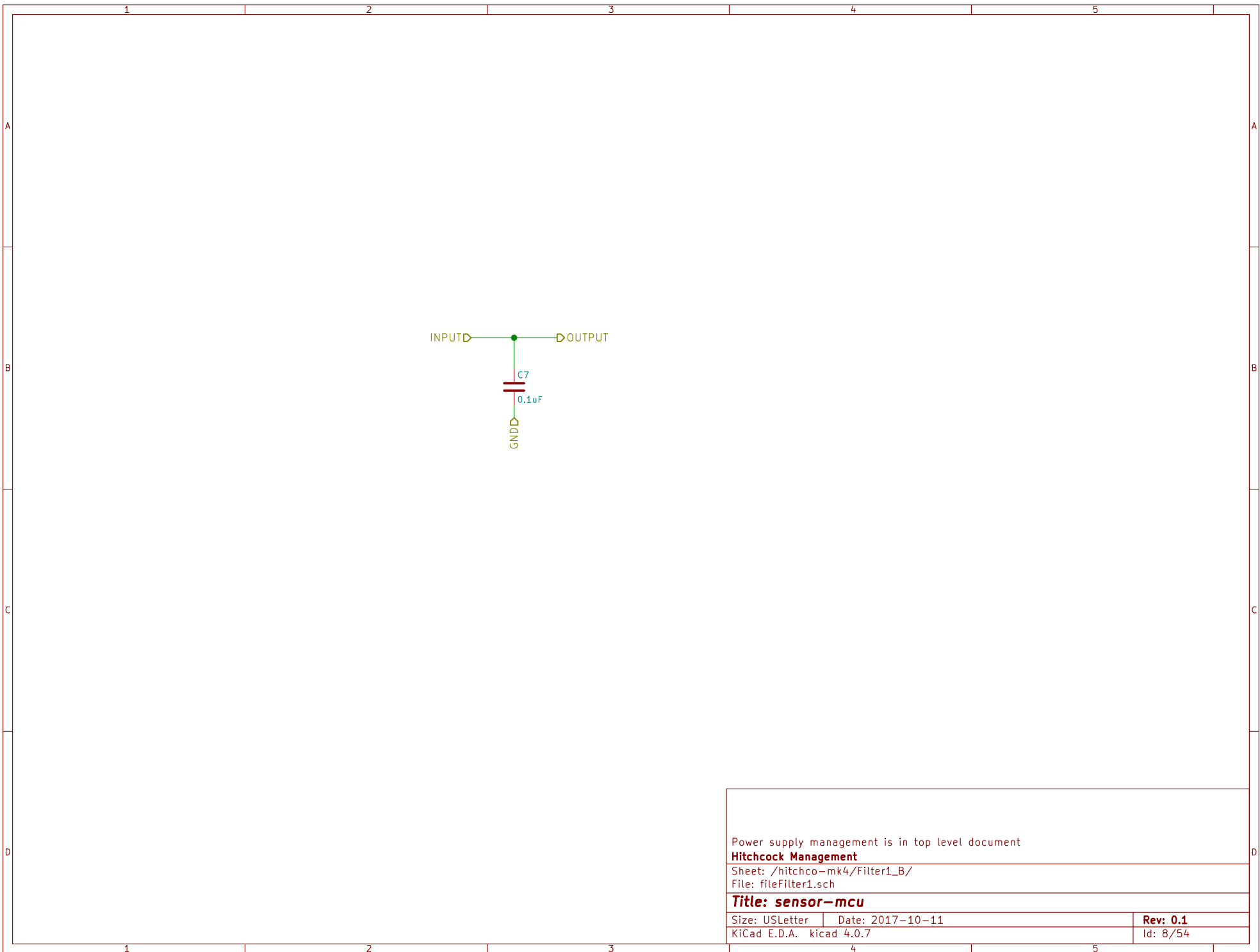
#### Hitchcock Management

Sheet: /hitchco-mk4/Opamp1/  
File: fileOpamp1.sch

#### Title: sensor-mcu

Size: USLetter Date: 2017-10-11  
KiCad E.D.A. kicad 4.0.7

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**Hitchcock Management**

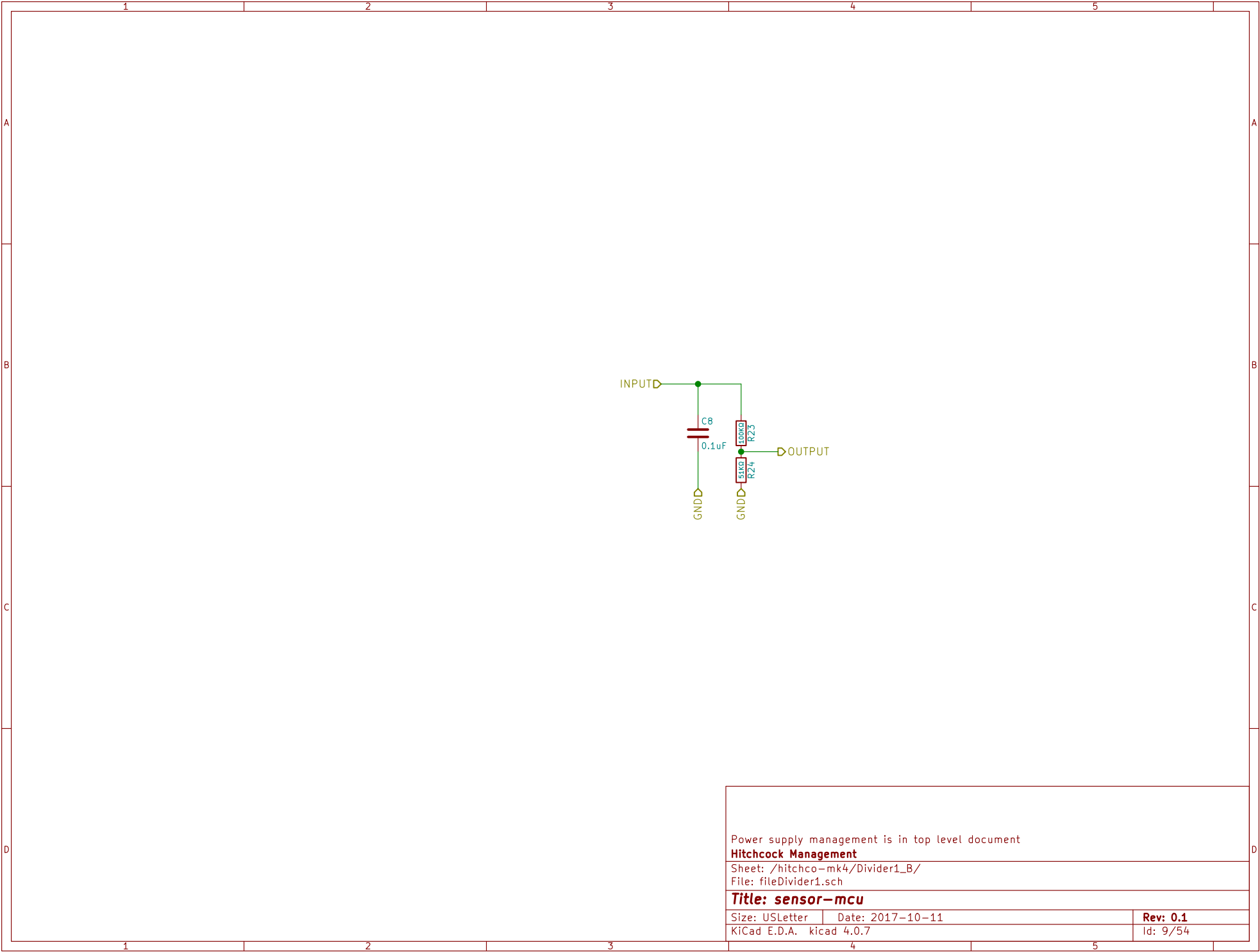
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**Title: sensor-mcu**

Size: USLetter Date: 2017-10-11  
KiCad E.D.A. kicad 4.0.7

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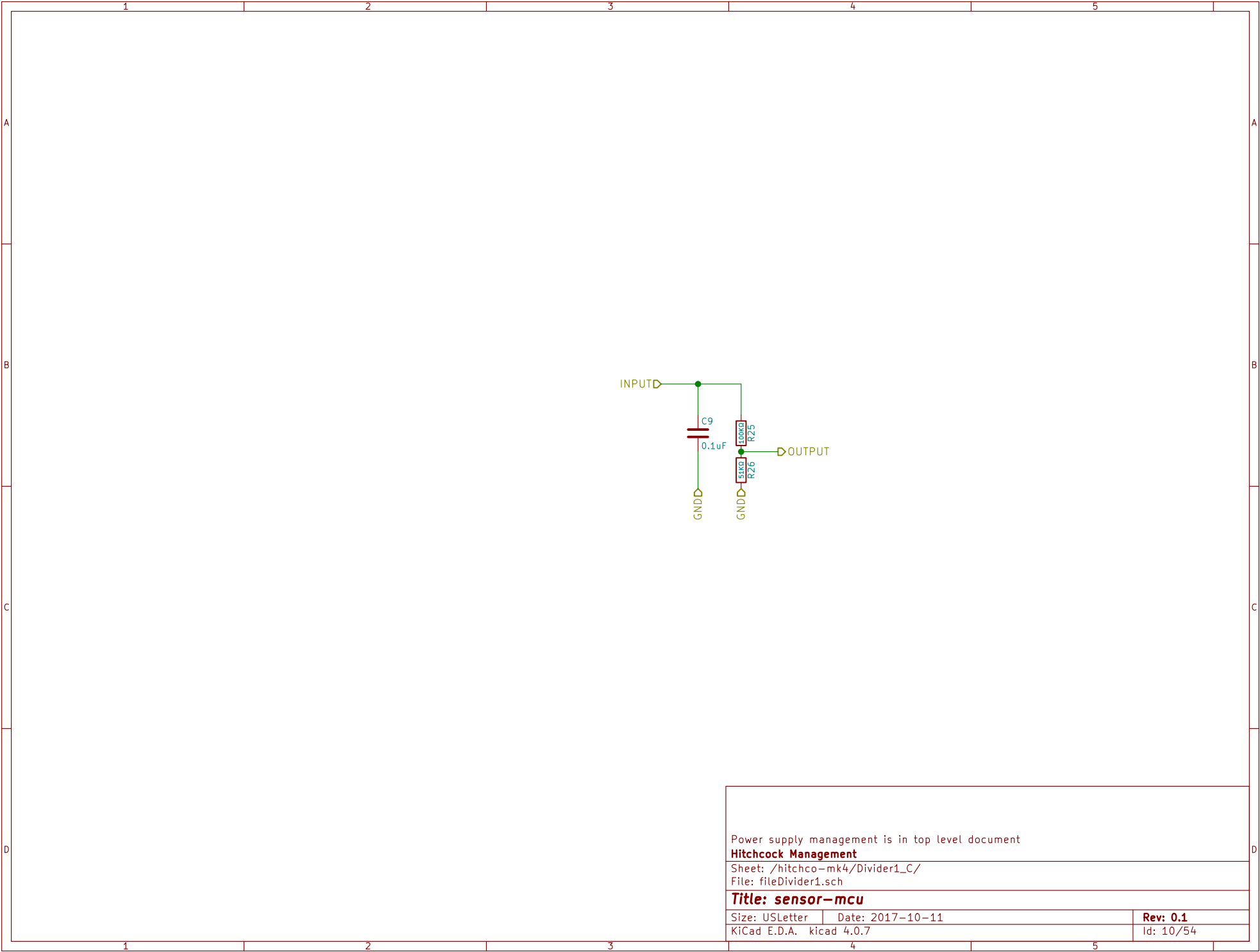
**Hitchcock Management**

Sheet: /hitchco-mk4/Divider1\_B/  
File: fileDivider1.sch

**Title: sensor-mcu**

Size: USLetter    Date: 2017-10-11  
KiCad E.D.A.    kicad 4.0.7

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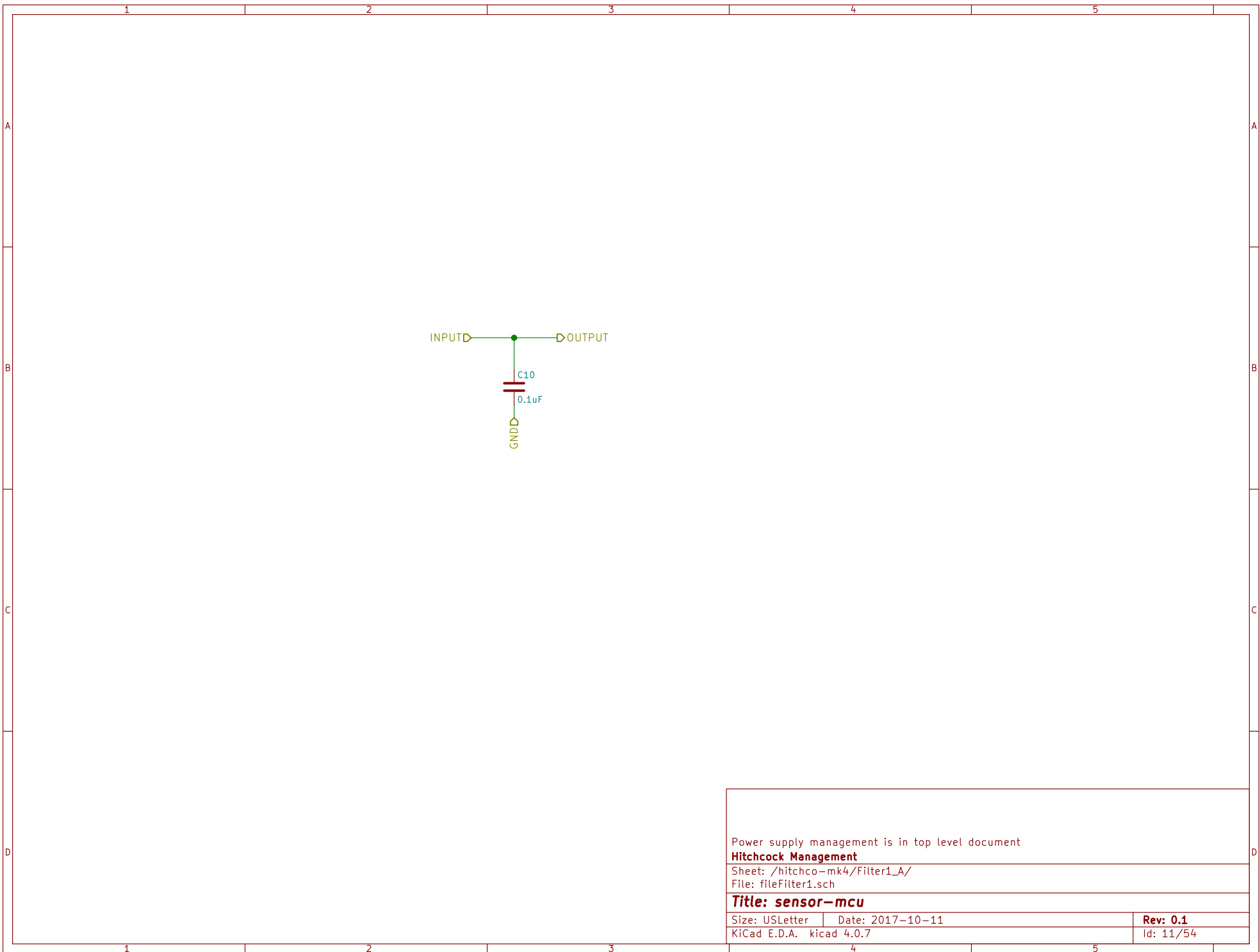
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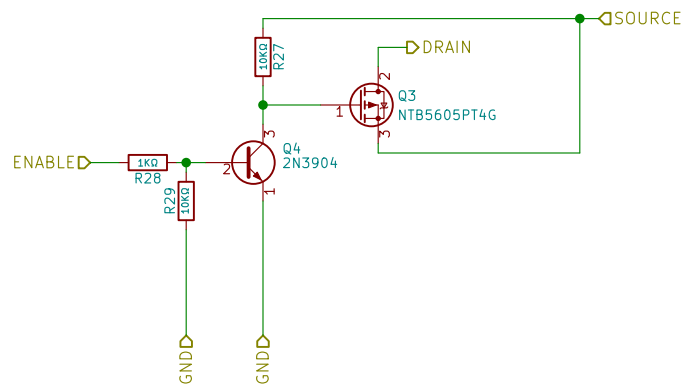
**Title: sensor-mcu**

Size: USLetter    Date: 2017-10-11  
KiCad E.D.A.    kicad 4.0.7

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<b>Hitchcock Management</b>		
Sheet: /hitchco-mk4/Filter1_A/ File: fileFilter1.sch		
<b>Title: sensor-mcu</b>		
Size: USLetter	Date: 2017-10-11	<b>Rev: 0.1</b>
KiCad E.D.A. kicad 4.0.7	Id: 11/54	

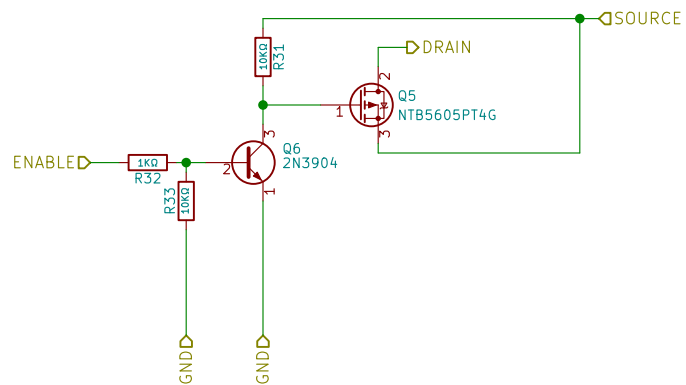


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**Title:**

Size: USLetter    Date:  
KiCad E.D.A.    kicad 4.0.7

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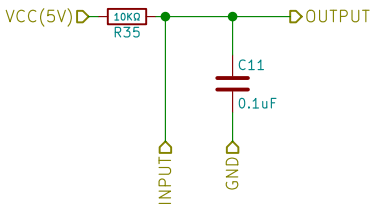


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**Title:**

Size: USLetter Date:  
KiCad E.D.A. kicad 4.0.7

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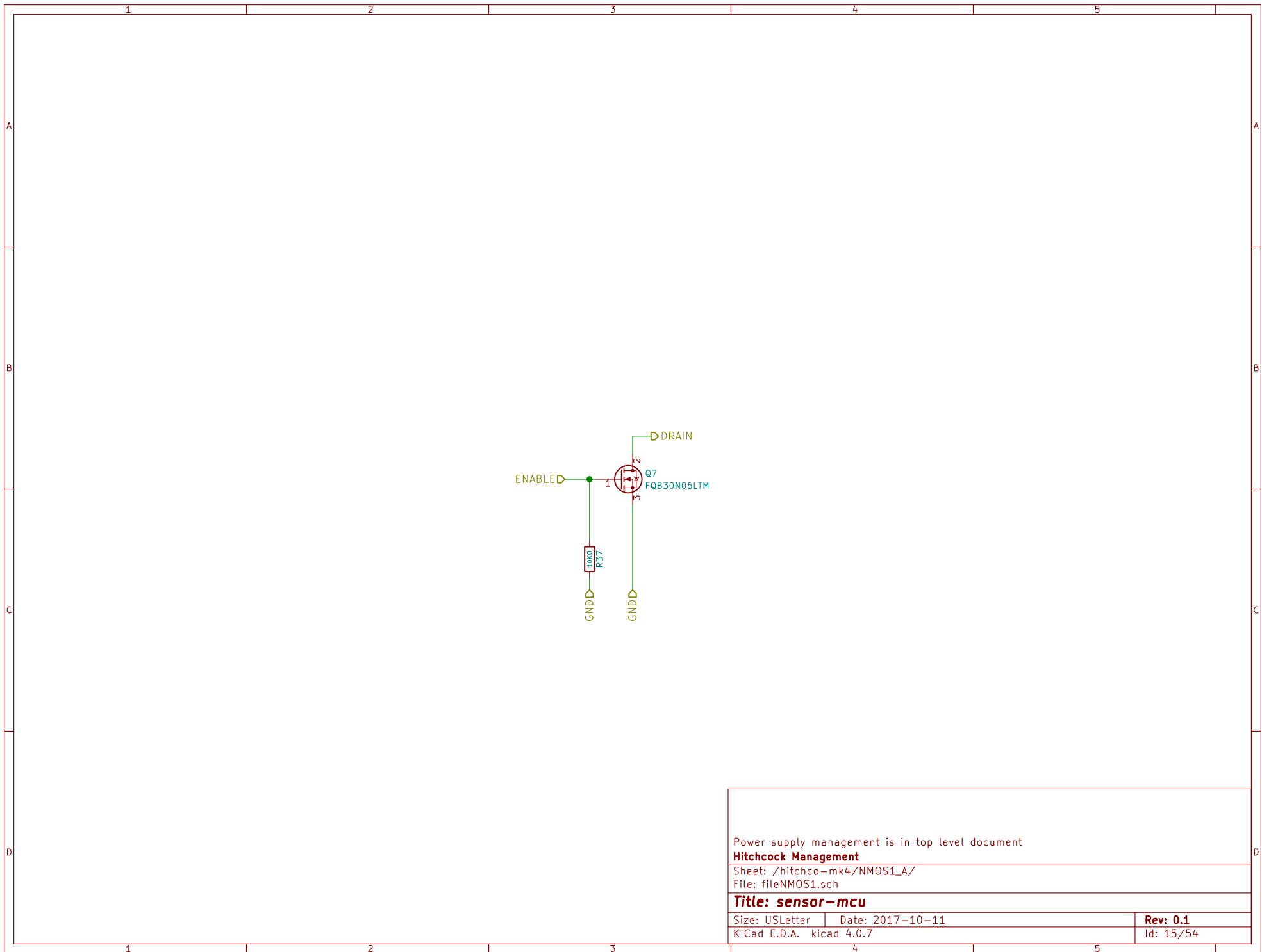
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Sheet: /hitchco-mk4/Switch1/  
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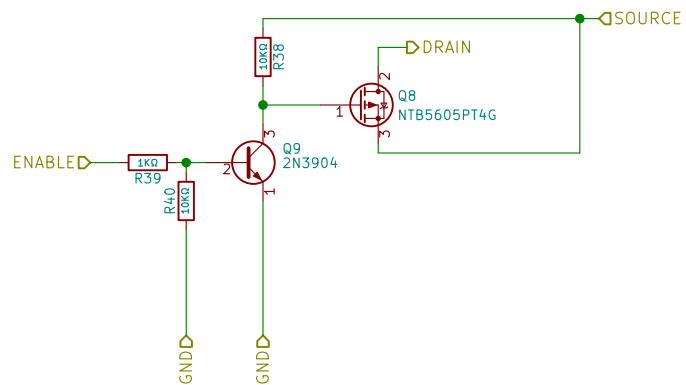
**Title: sensor-mcu**

Size: USLetter    Date: 2017-10-11  
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<b>Hitchcock Management</b>		
Sheet: /hitchco-mk4/NMOS1_A/ File: fileNMOS1.sch		
<b>Title: sensor-mcu</b>		
Size: USLetter	Date: 2017-10-11	<b>Rev: 0.1</b>
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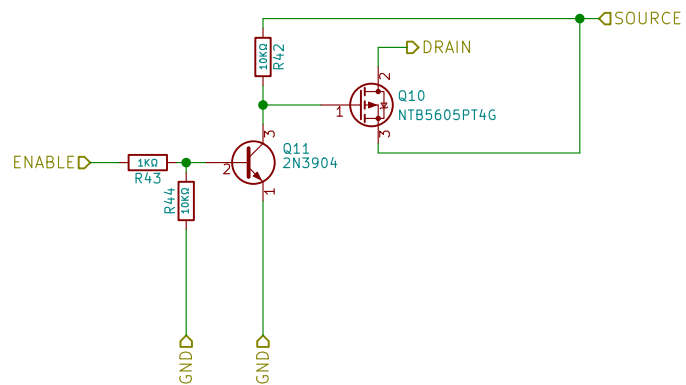
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**Title:**

Size: USLetter    Date:  
KiCad E.D.A.    kicad 4.0.7

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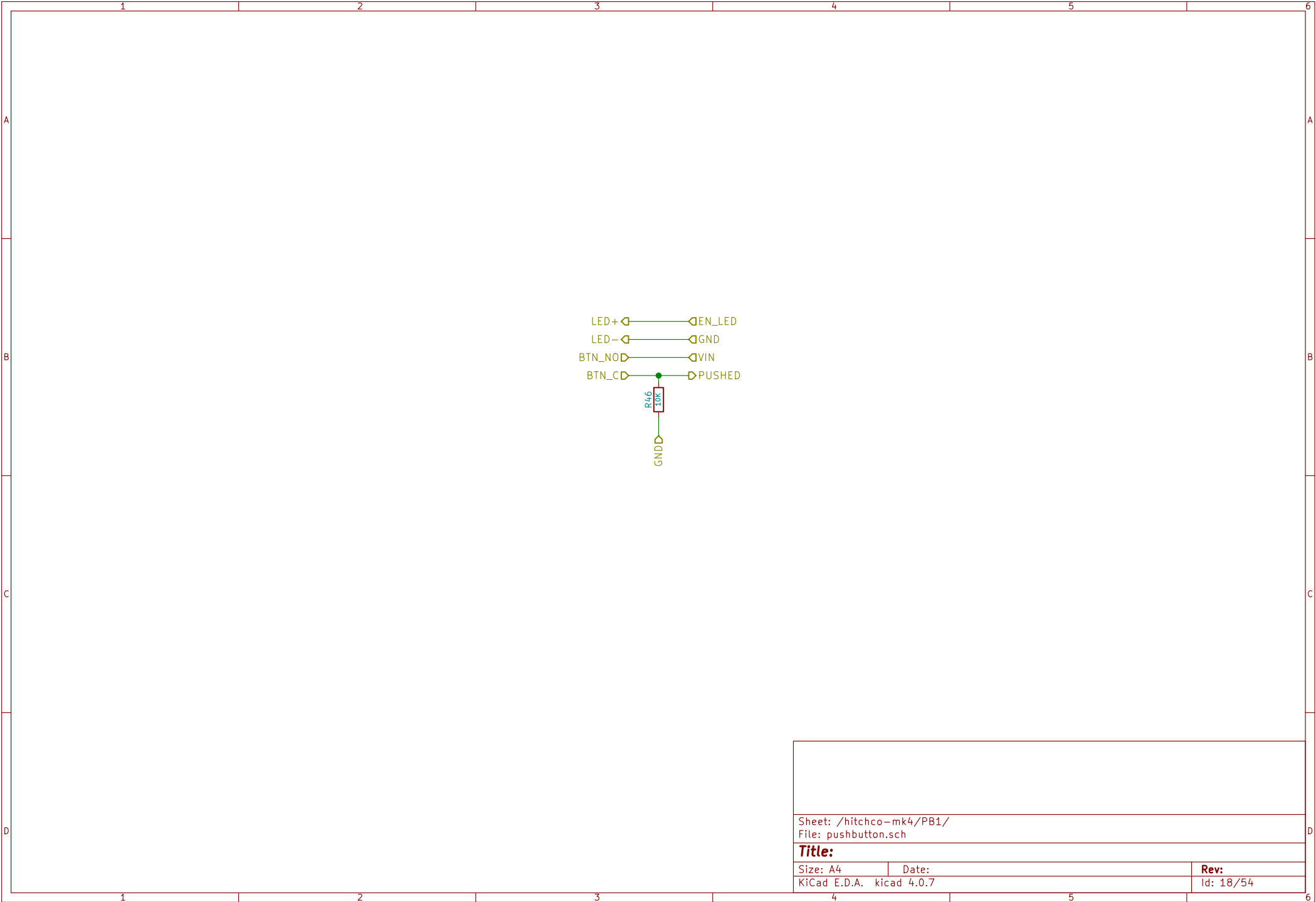


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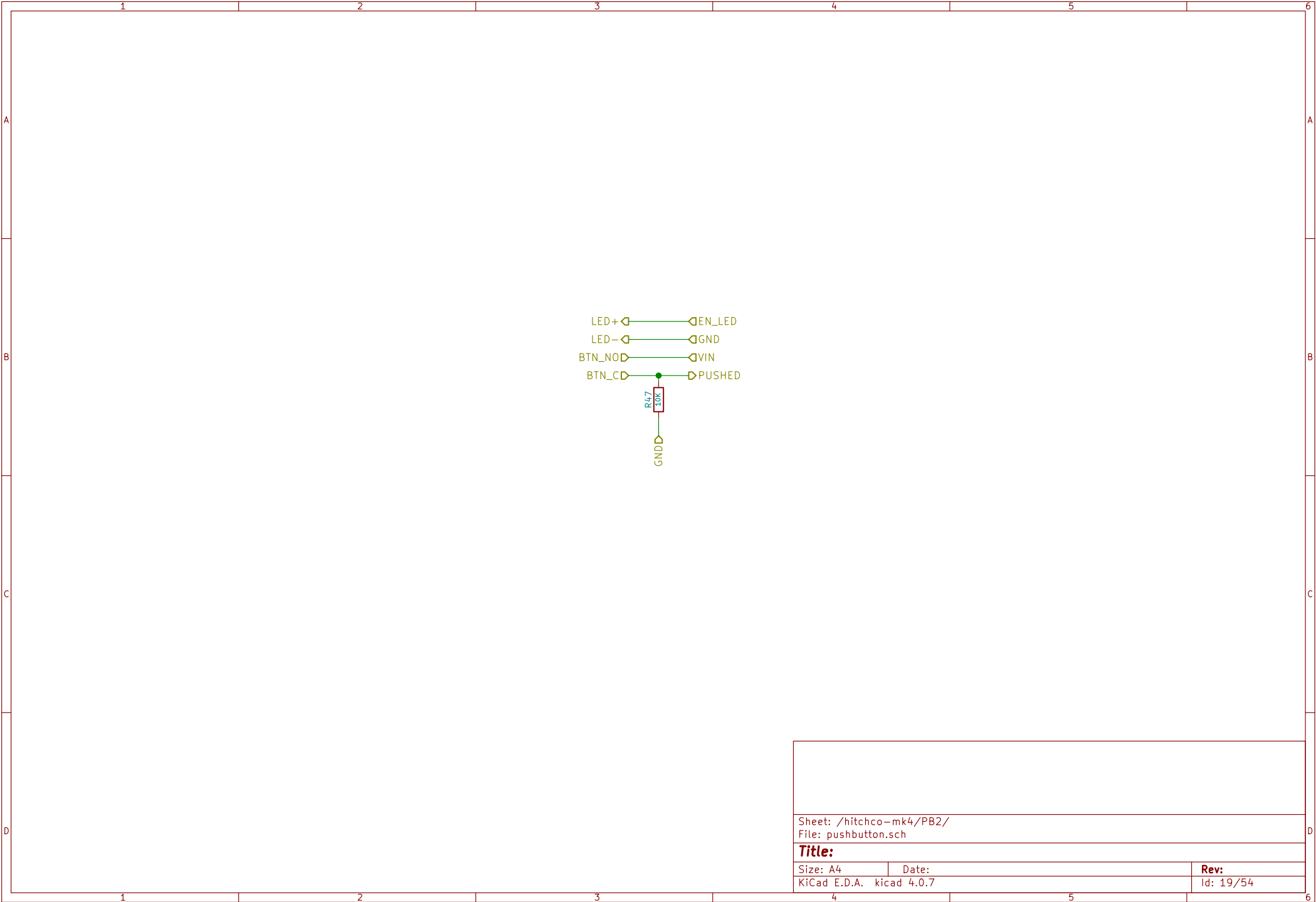
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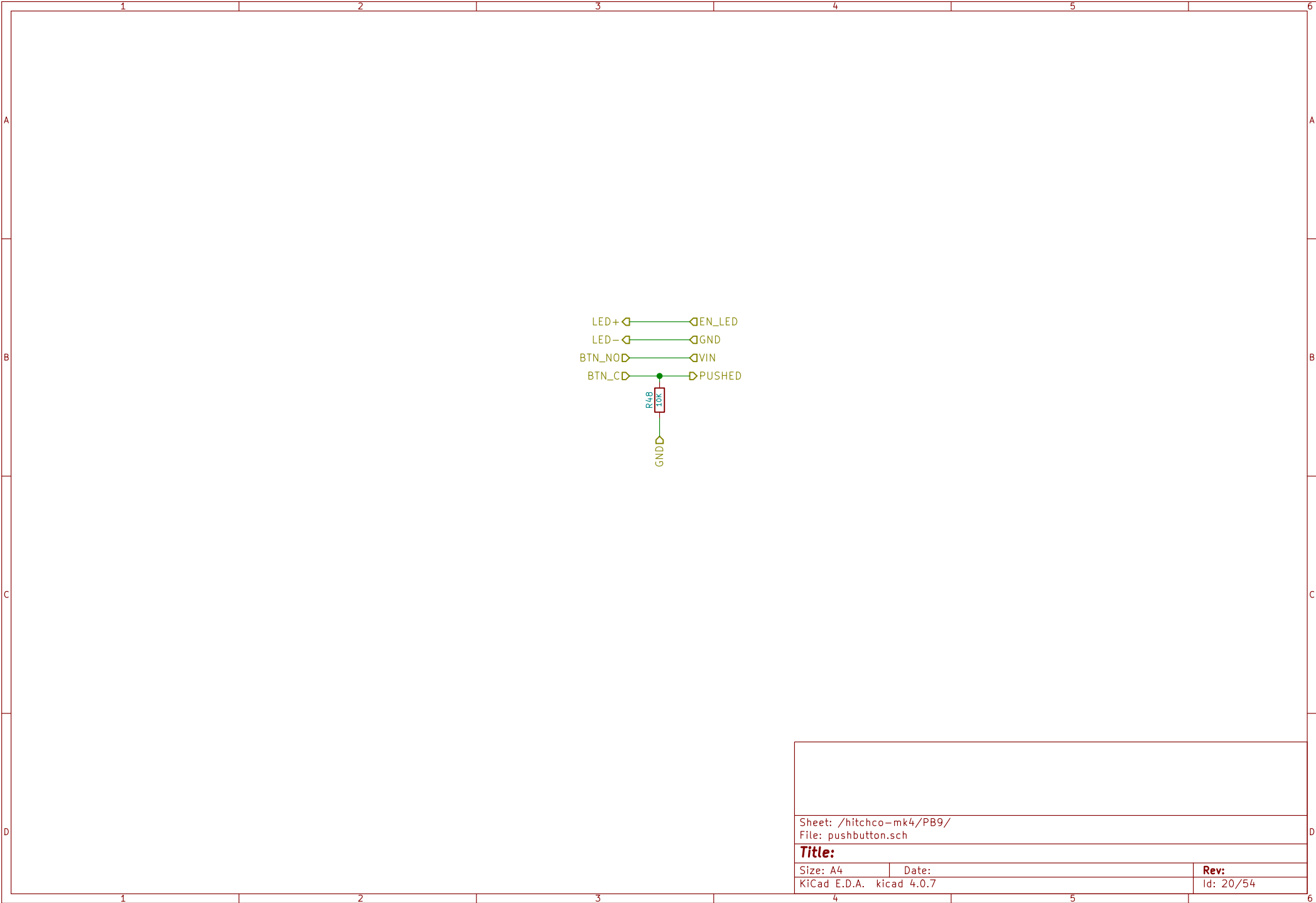
Size: USLetter Date:  
KiCad E.D.A. kicad 4.0.7

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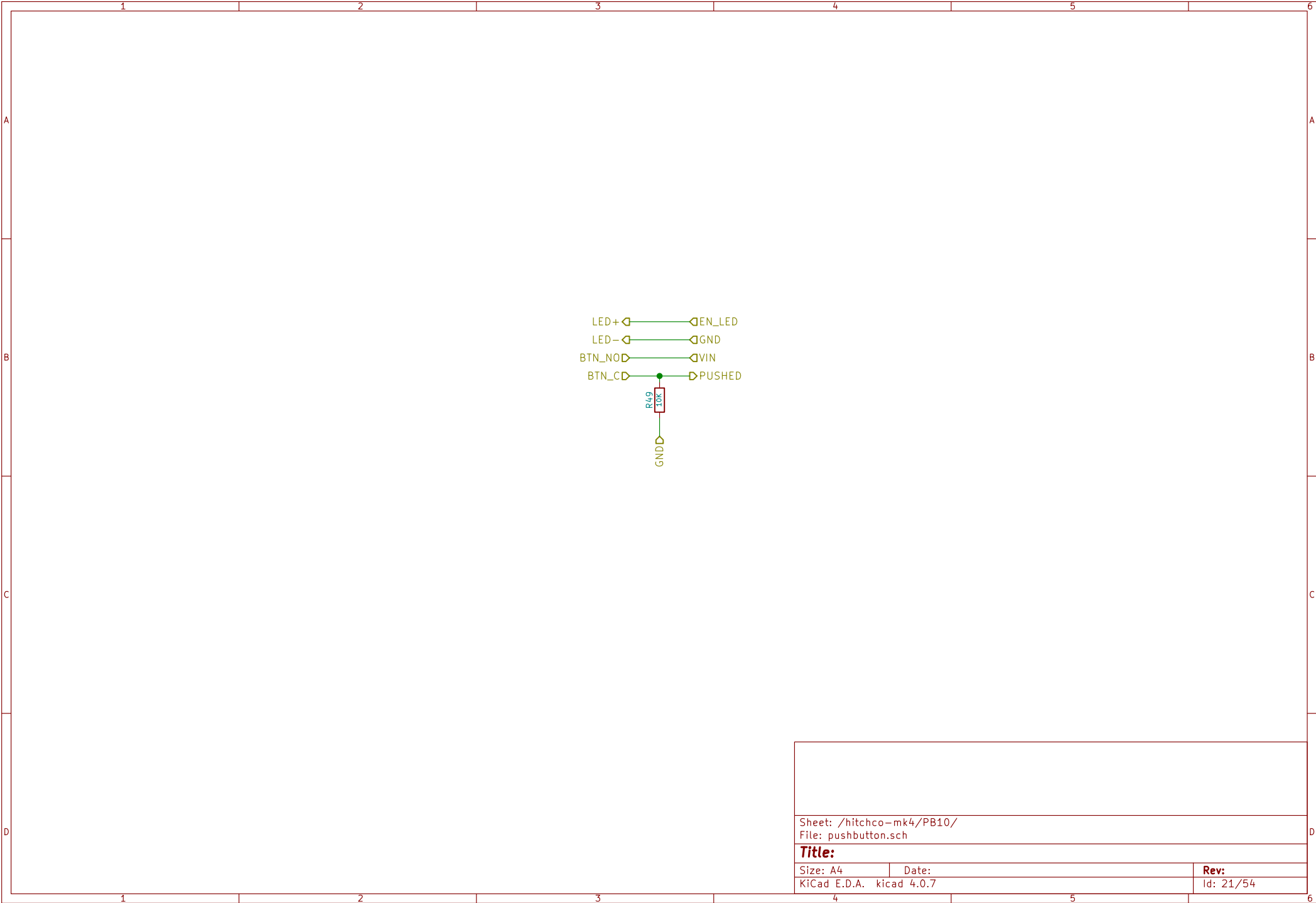


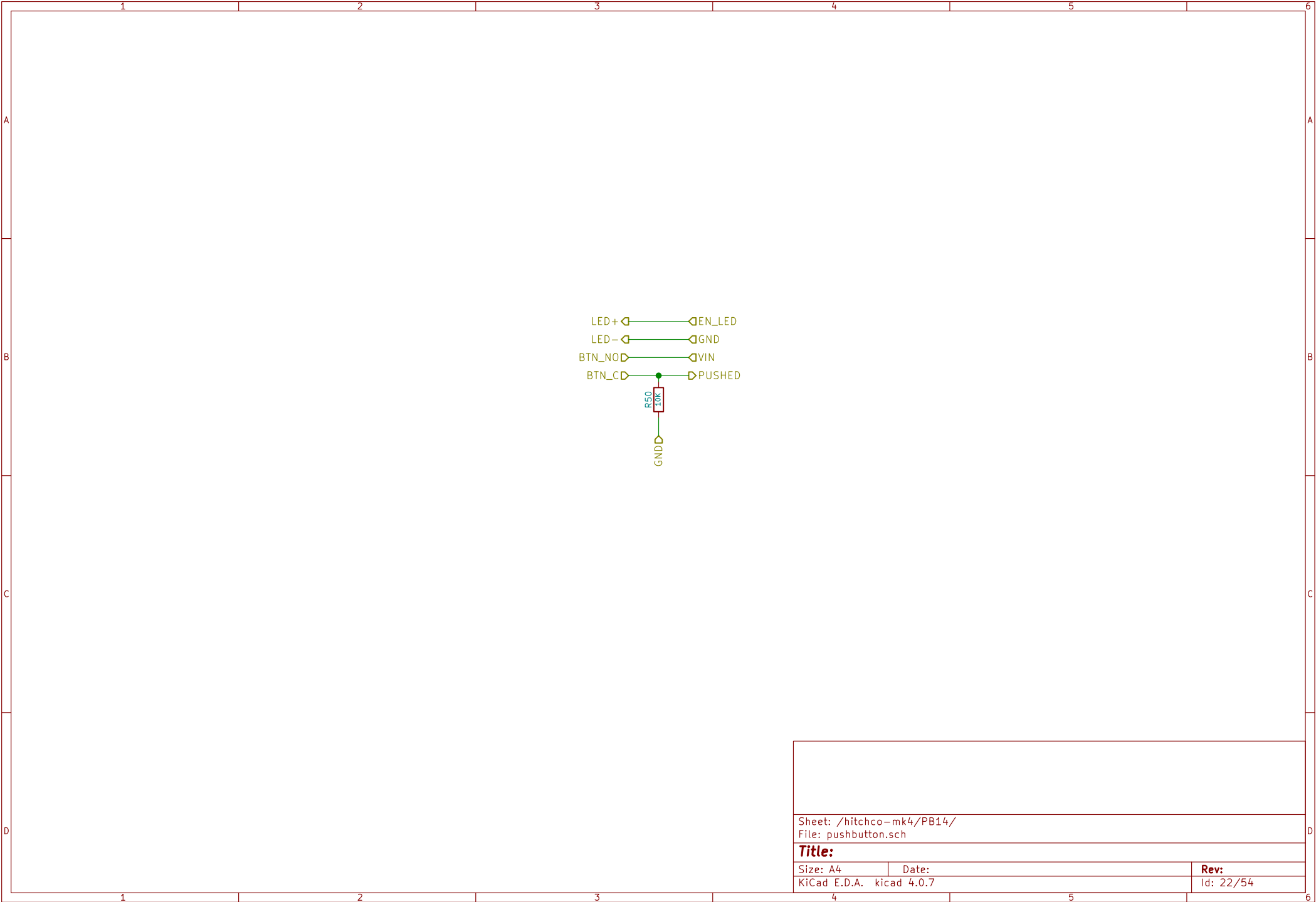
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<b>Title:</b>		
Size: A4	Date:	Rev:
KiCad E.D.A. kicad 4.0.7	Id: 18/54	

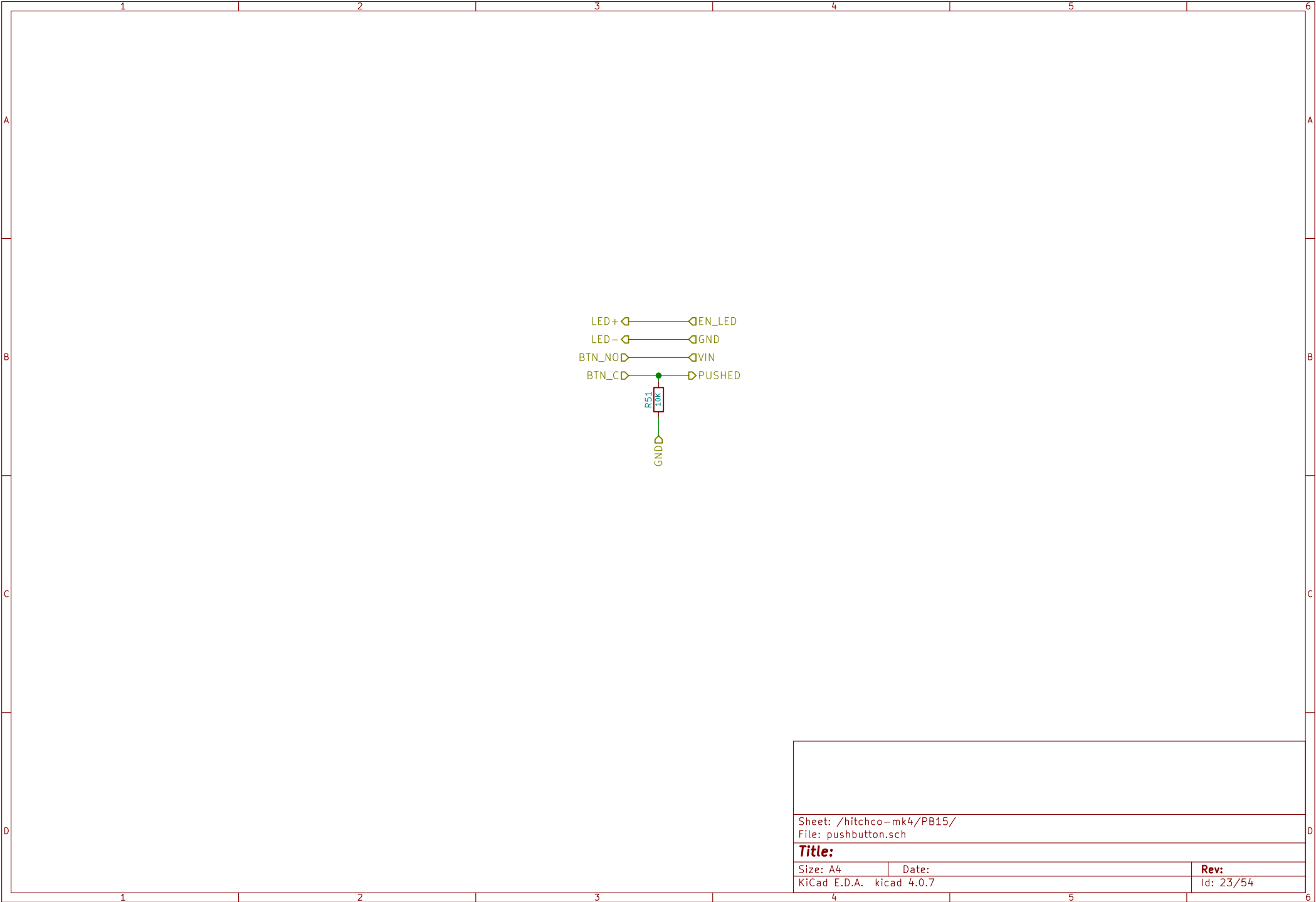




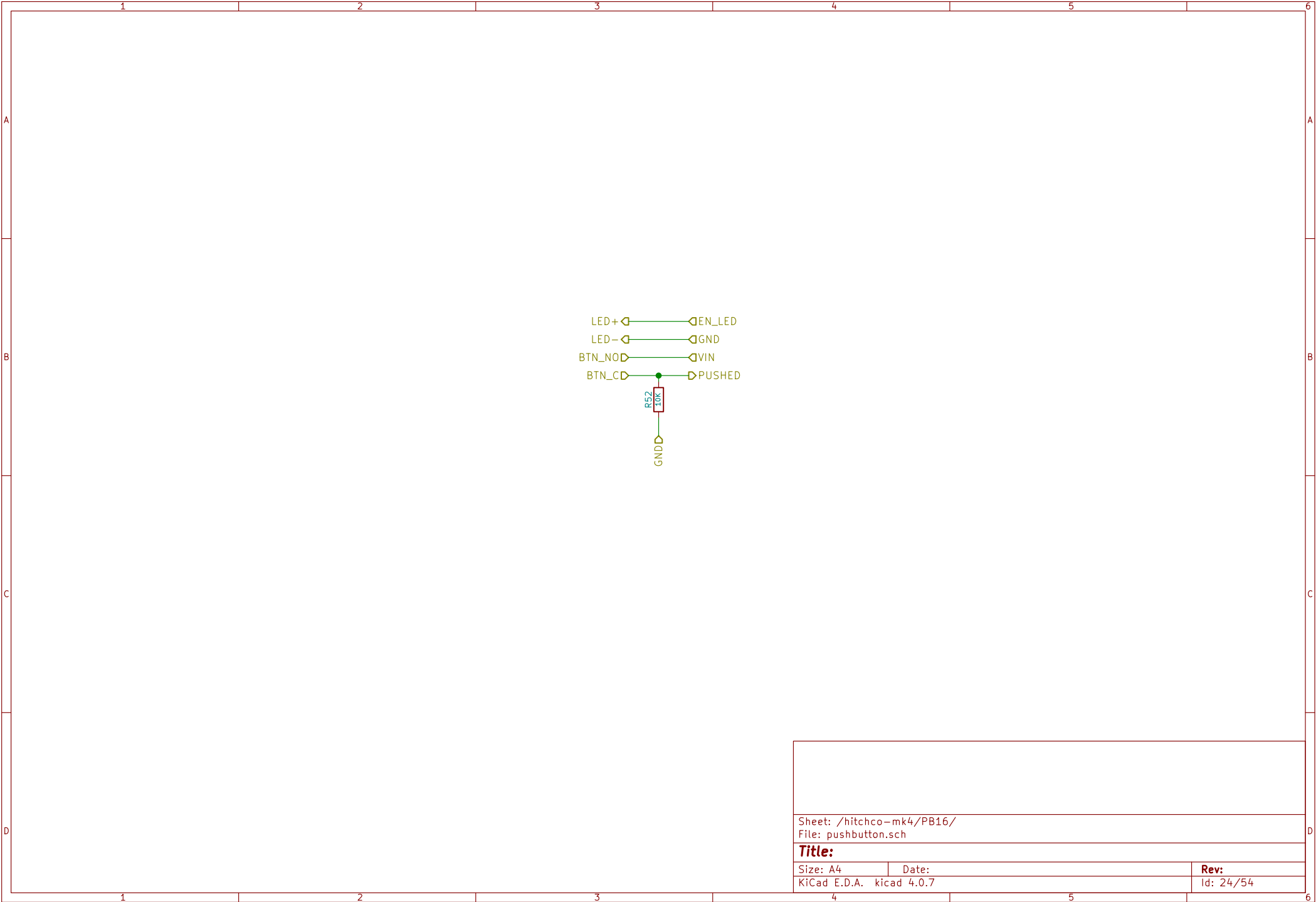
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<b>Title:</b>		
Size: A4	Date:	Rev:
KiCad E.D.A. kicad 4.0.7	Id: 20/54	



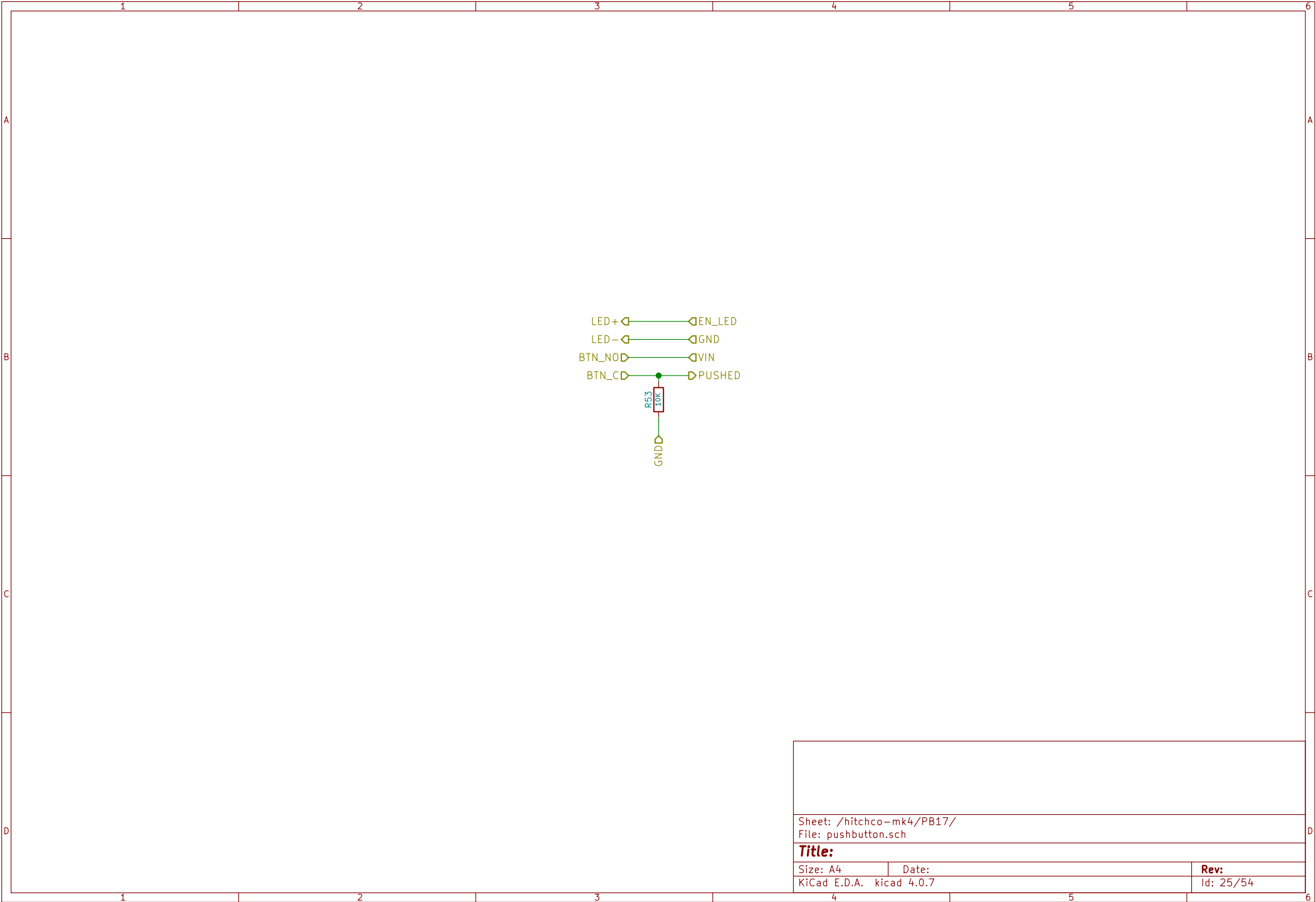




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<b>Title:</b>		
Size: A4	Date:	Rev:
KiCad E.D.A. kicad 4.0.7	Id: 23/54	







Sheet: /hitchco-mk4/PB17/  
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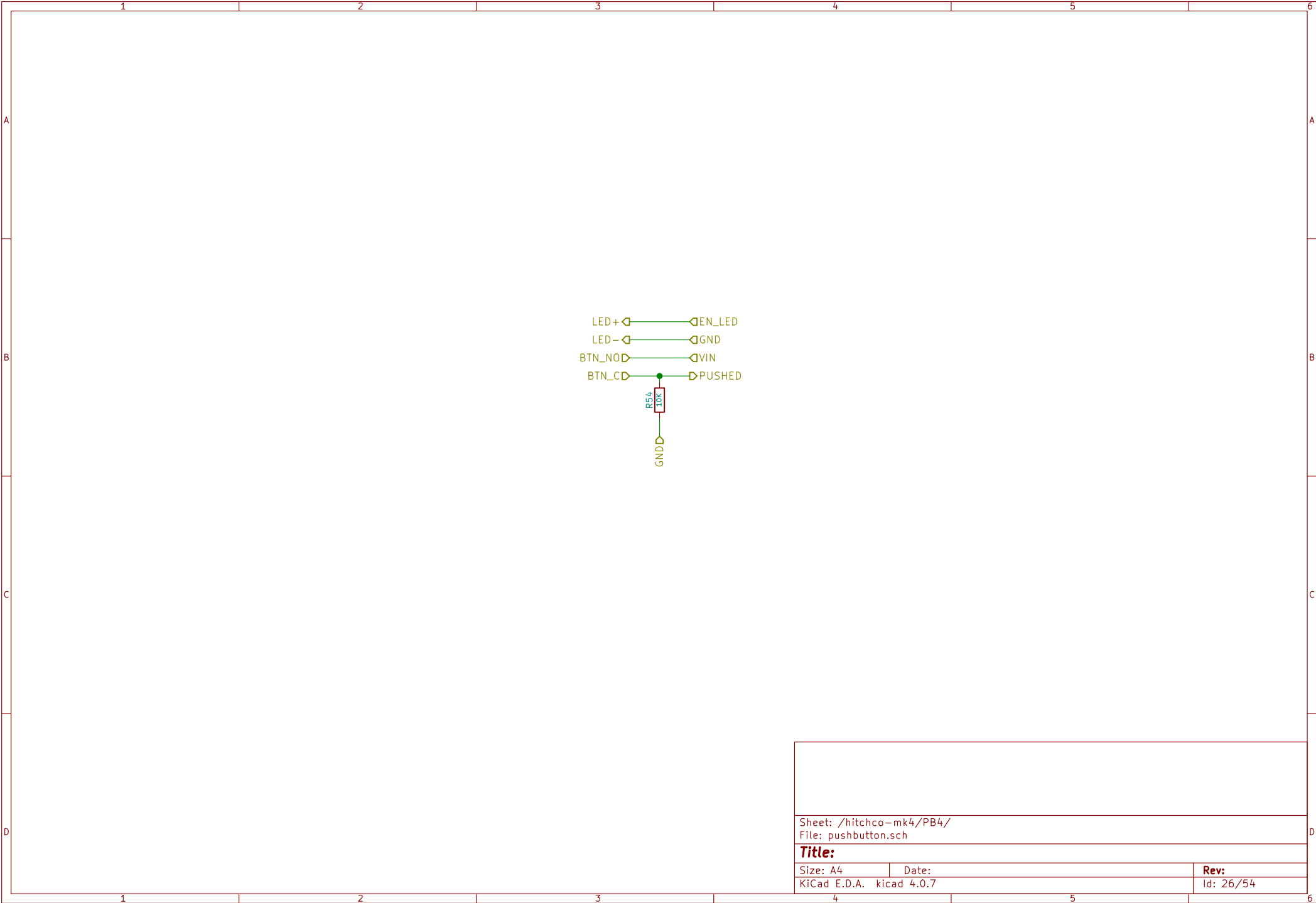
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Date:

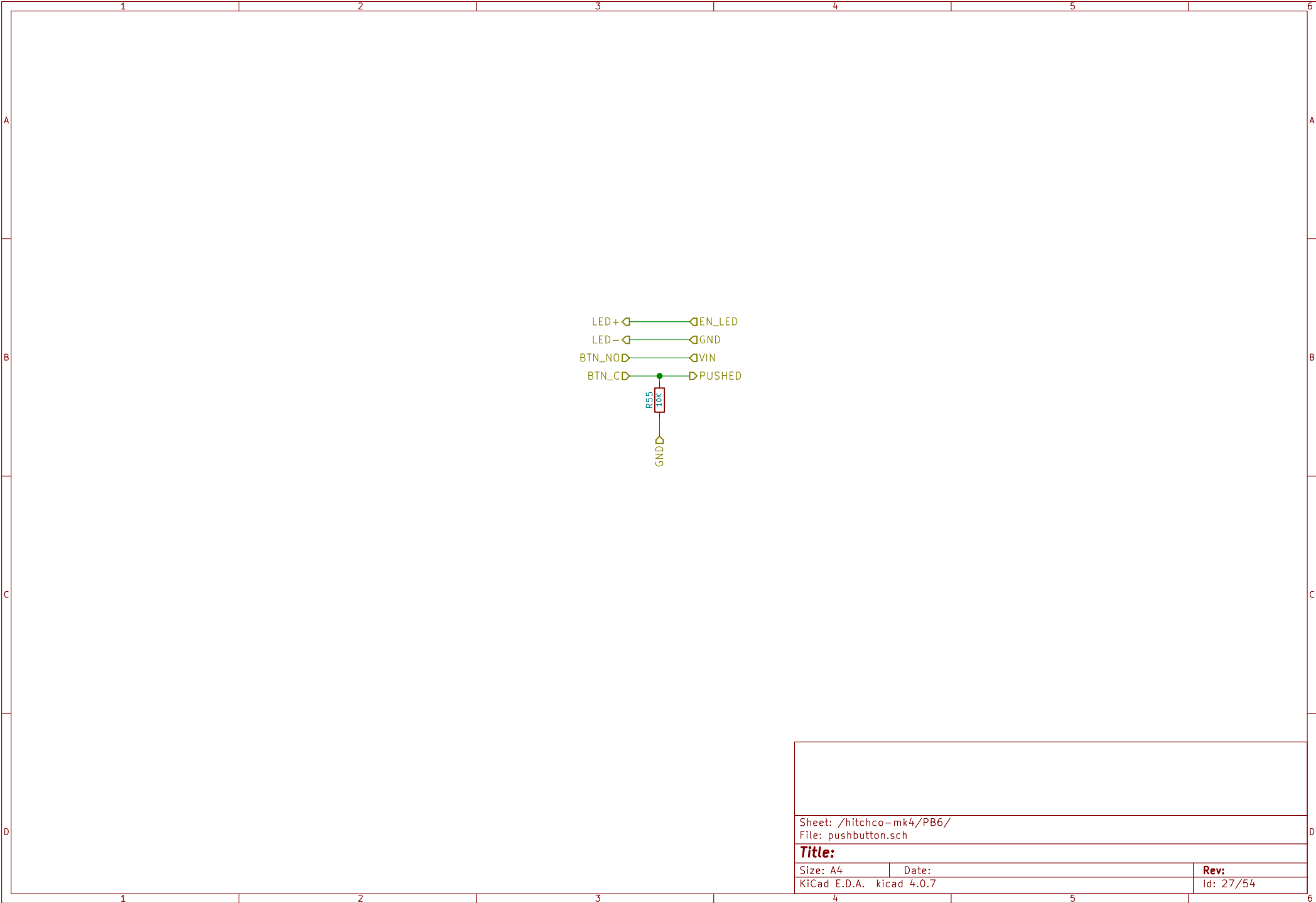
KiCad E.D.A. kicad 4.0.7

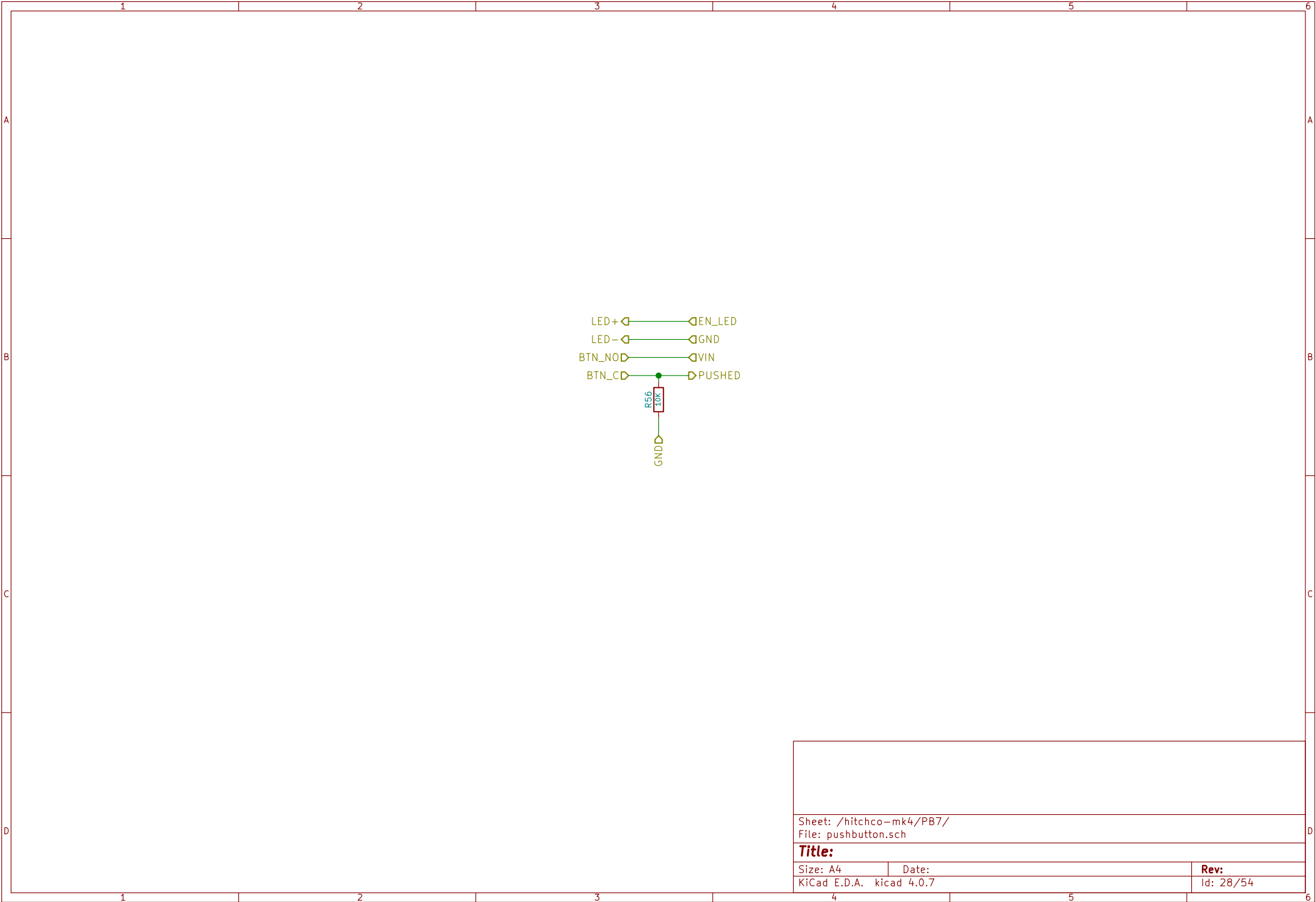
**Rev:**

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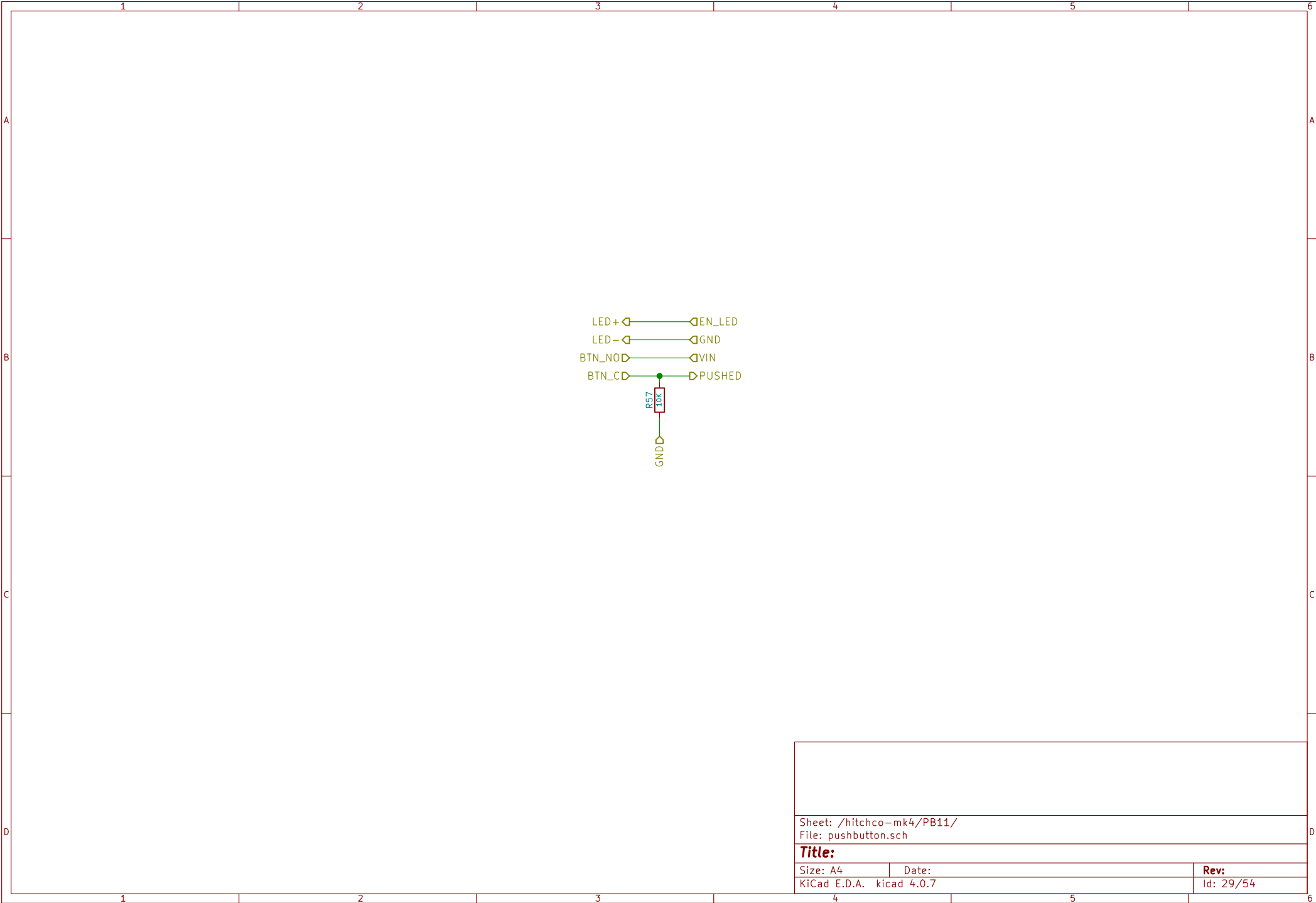


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Size: A4	Date:	Rev:
KiCad E.D.A. kicad 4.0.7	Id: 26/54	





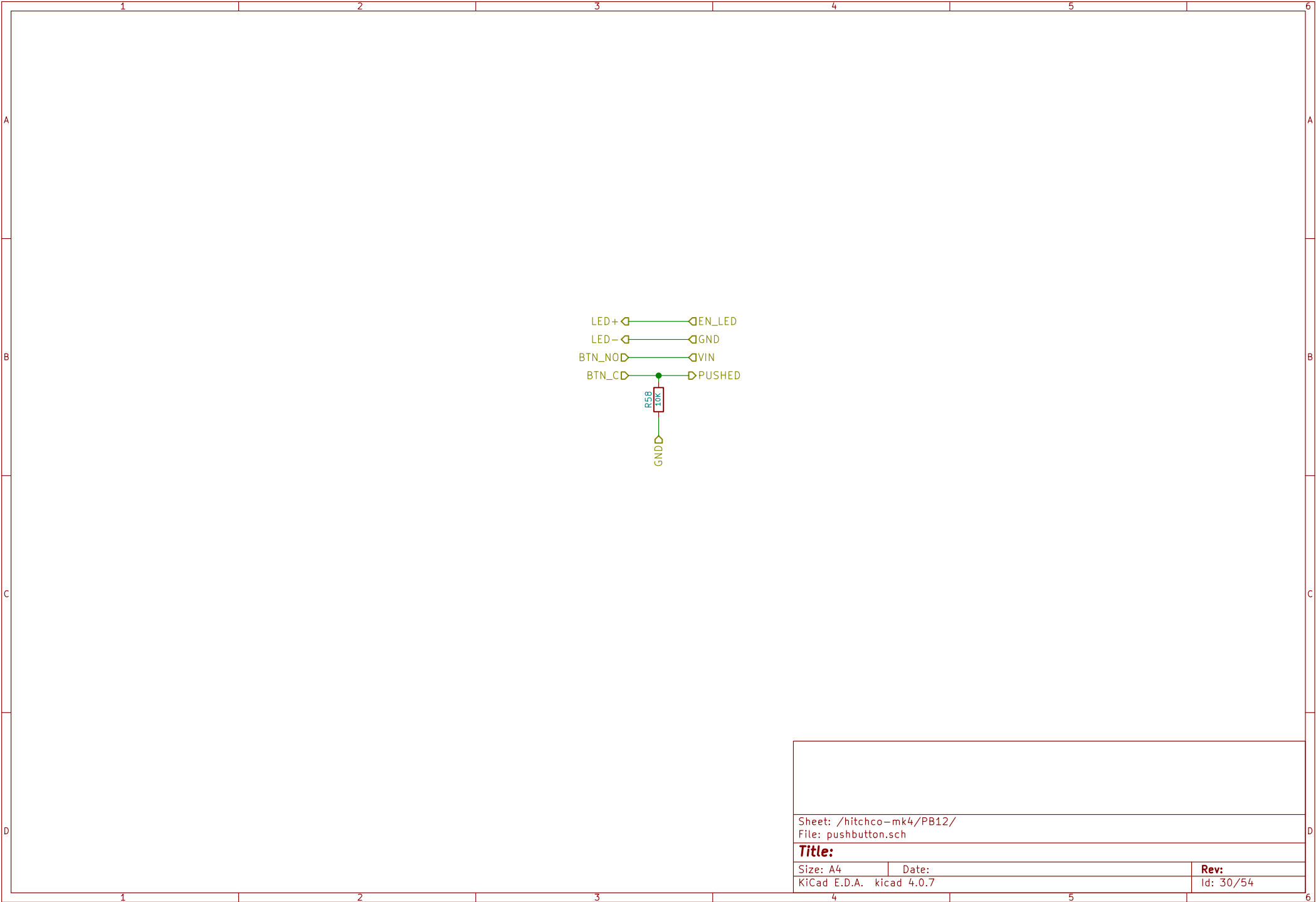
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<b>Title:</b>		
Size: A4	Date:	Rev:
KiCad E.D.A. kicad 4.0.7	Id: 28/54	



Sheet: /hitchco-mk4/PB11/  
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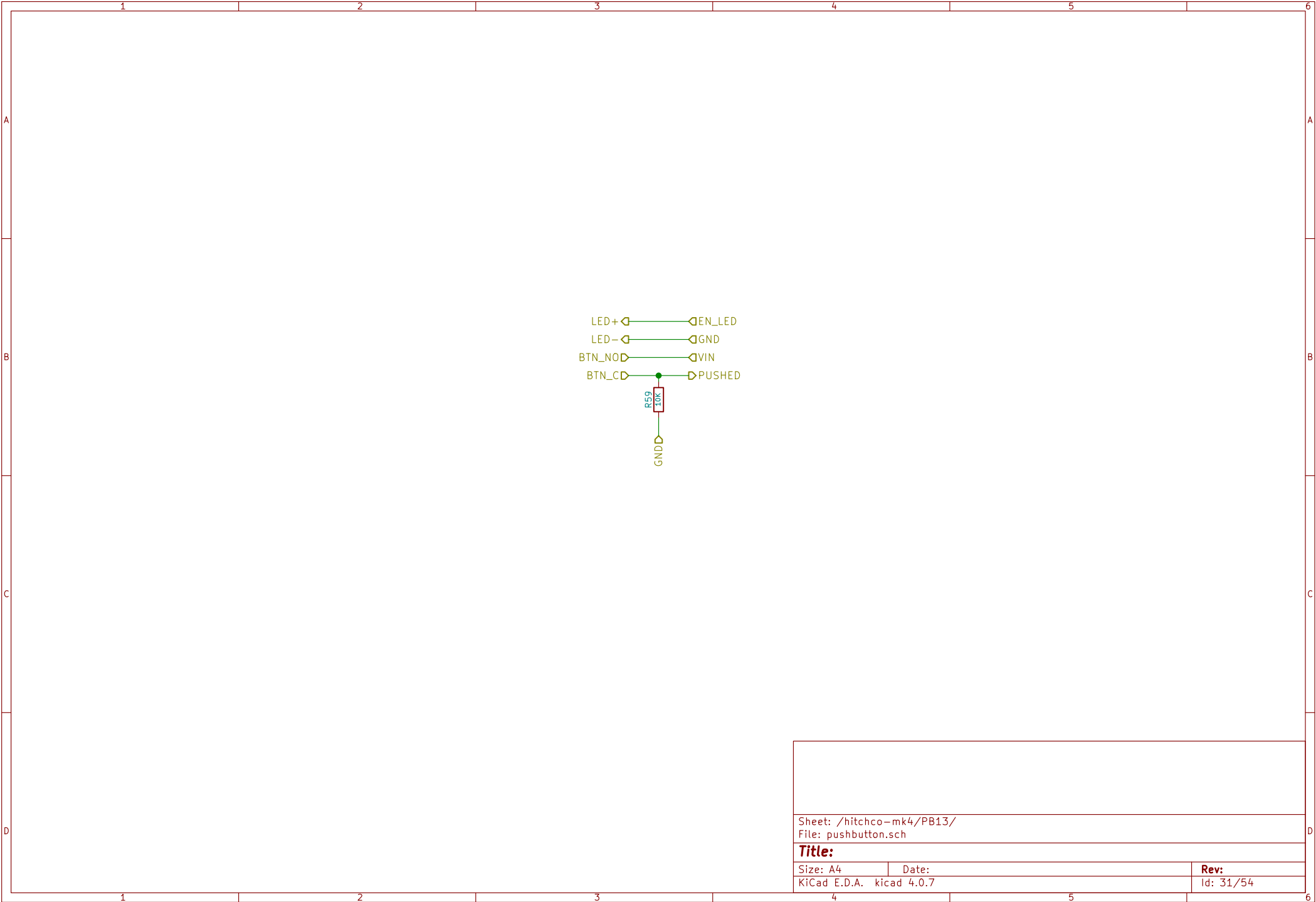
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KiCad E.D.A. kicad 4.0.7		Id: 29/54



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**Title:**

Size: A4	Date:	Rev:
KiCad E.D.A. kicad 4.0.7		Id: 30/54



Sheet: /hitchco-mk4/PB13/  
File: pushbutton.sch

**Title:**

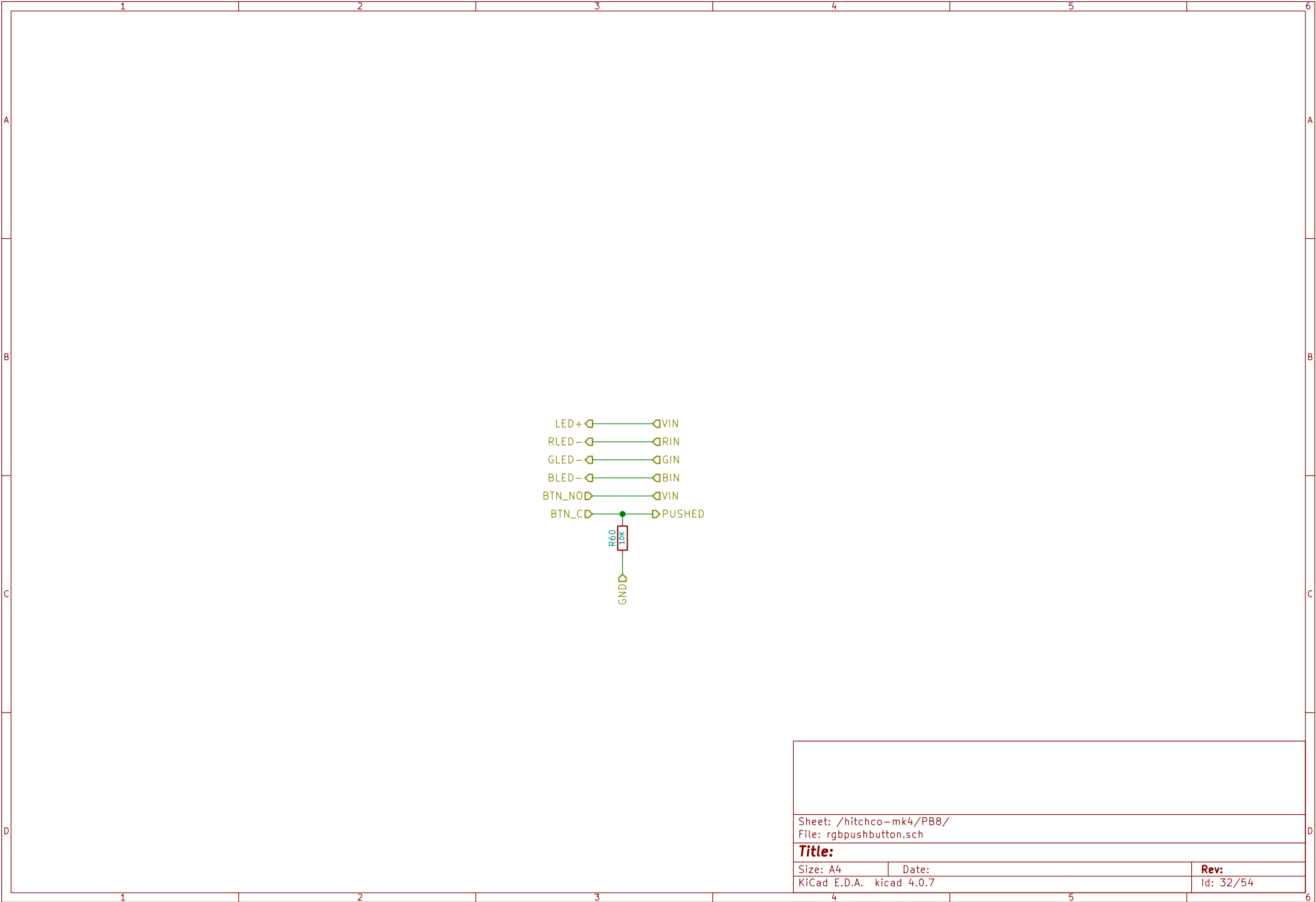
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Date:

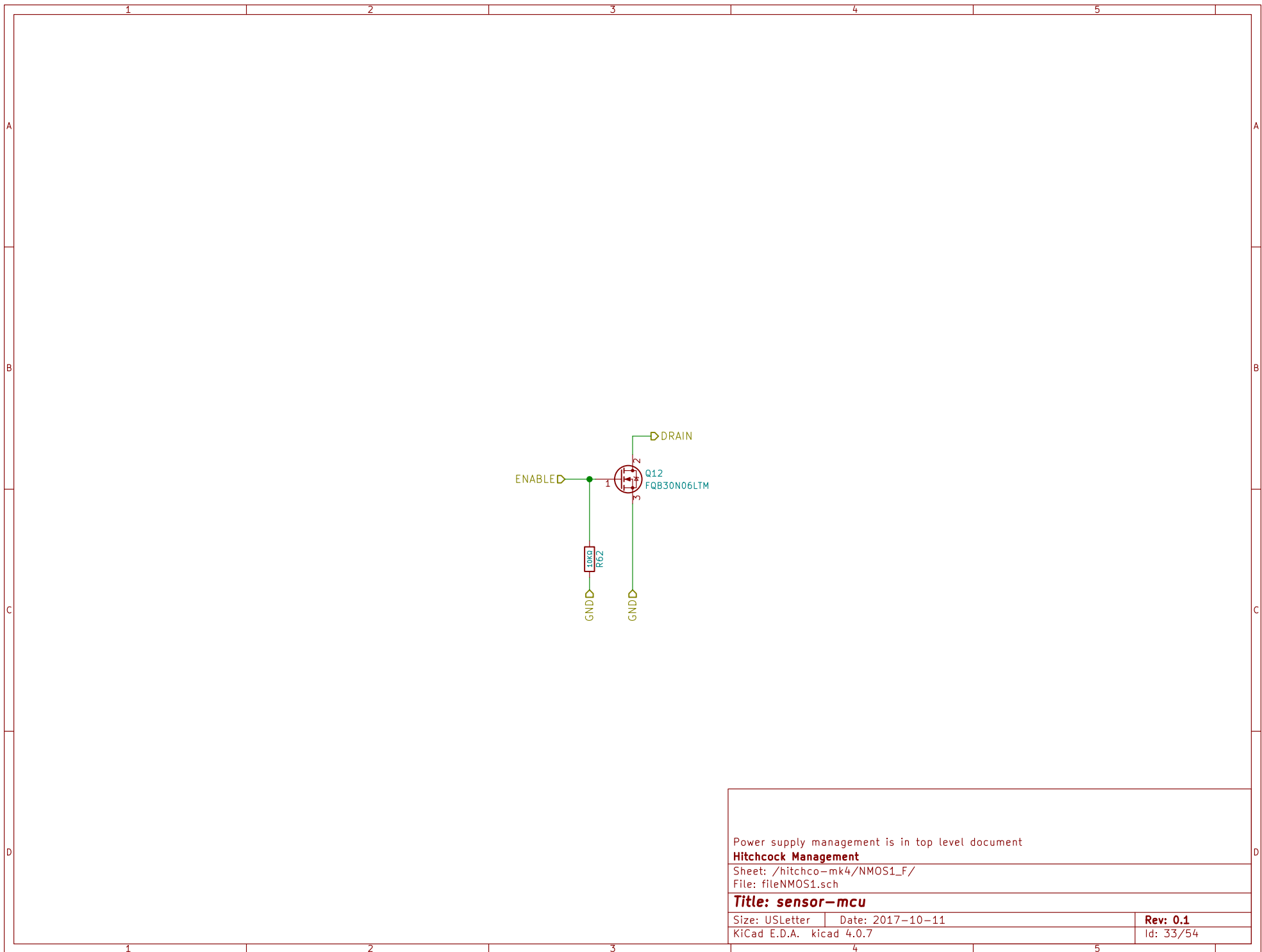
Rev:

KiCad E.D.A. kicad 4.0.7

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**Hitchcock Management**

Sheet: /hitchco-mk4/NMOS1\_F/

File: fileNMOS1.sch

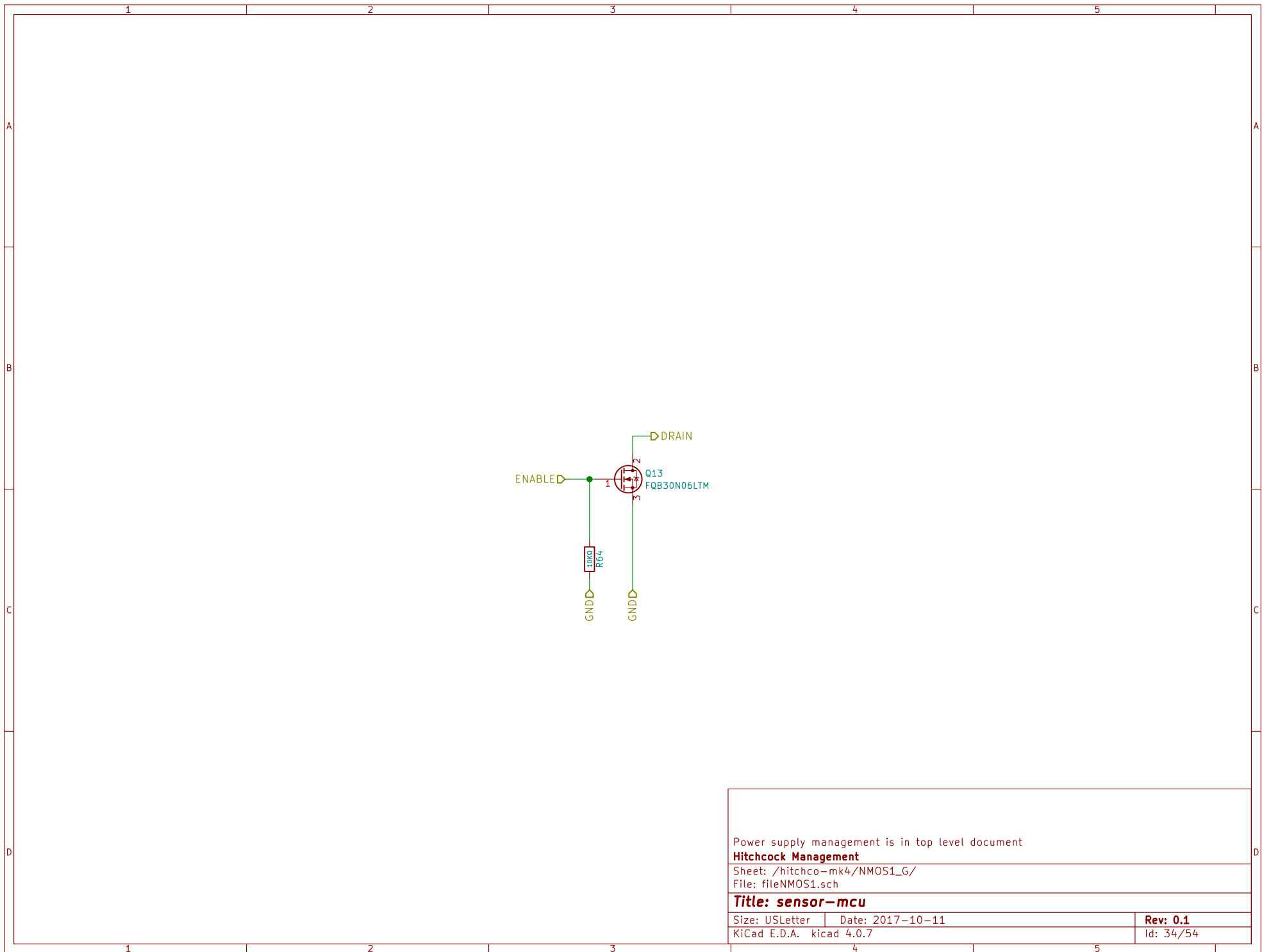
**Title: sensor-mcu**

Size: USLetter Date: 2017-10-11

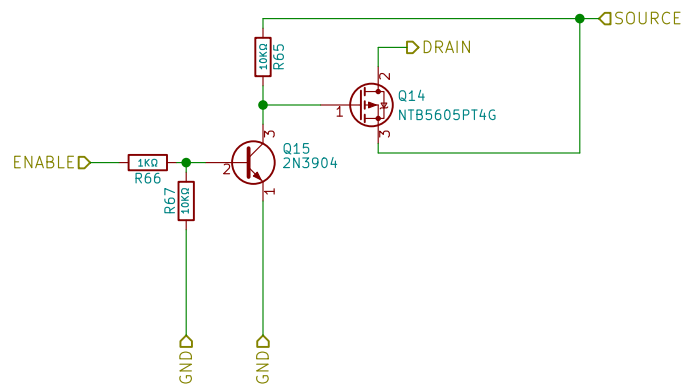
KiCad E.D.A. kicad 4.0.7

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<b>Hitchcock Management</b>		
Sheet: /hitchco-mk4/NMOS1_G/ File: fileNMOS1.sch		
<b>Title: sensor-mcu</b>		
Size: USLetter	Date: 2017-10-11	Rev: 0.1
KiCad E.D.A. kicad 4.0.7		Id: 34/54

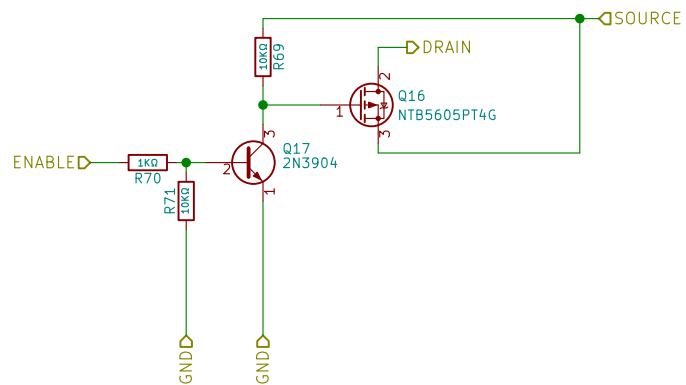


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File: filePMOS1.sch

**Title:**

Size: USLetter Date:  
KiCad E.D.A. kicad 4.0.7

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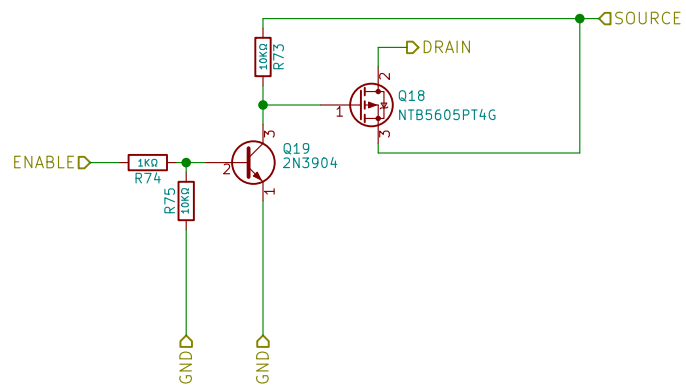


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**Title:**

Size: USLetter Date:  
KiCad E.D.A. kicad 4.0.7

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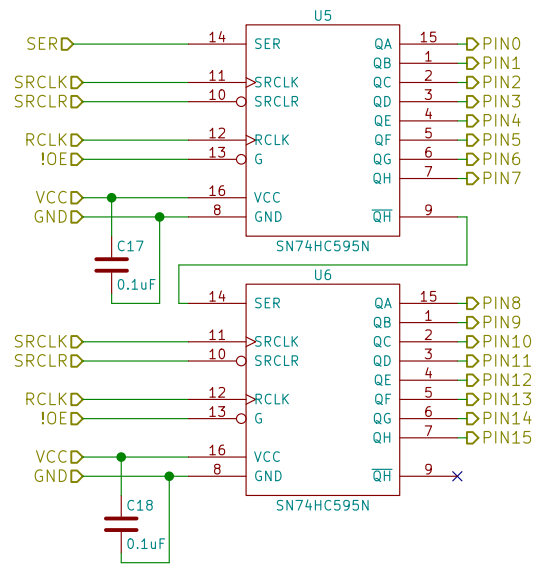


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**Title:**

Size: USLetter    Date:  
KiCad E.D.A.    kicad 4.0.7

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File: fileShiftBlock.sch

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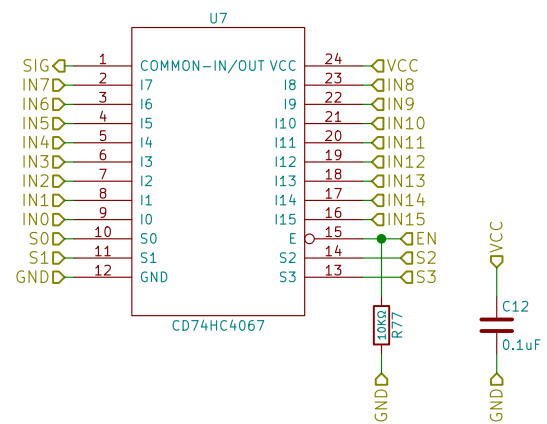
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Date:

KiCad E.D.A. kicad 4.0.7

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Sheet: /hitchco-mk4/MuxBlock/  
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**Title:**

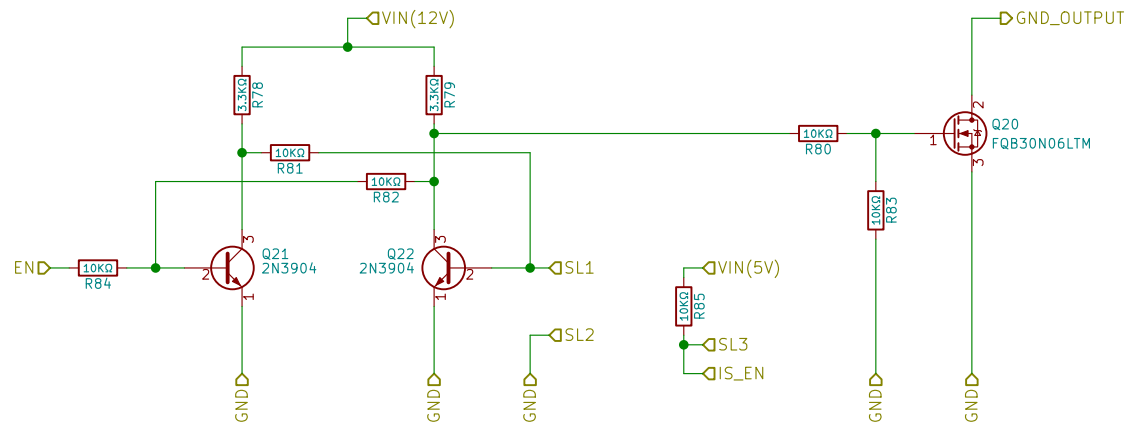
Size: A4

Date:

KiCad E.D.A. kicad 4.0.7

**Rev:**

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Sheet: /hitchco-mk4/SoftPowerSwitch/  
File: fileSoftPowerSwitch.sch

**Title:**

Size: A4

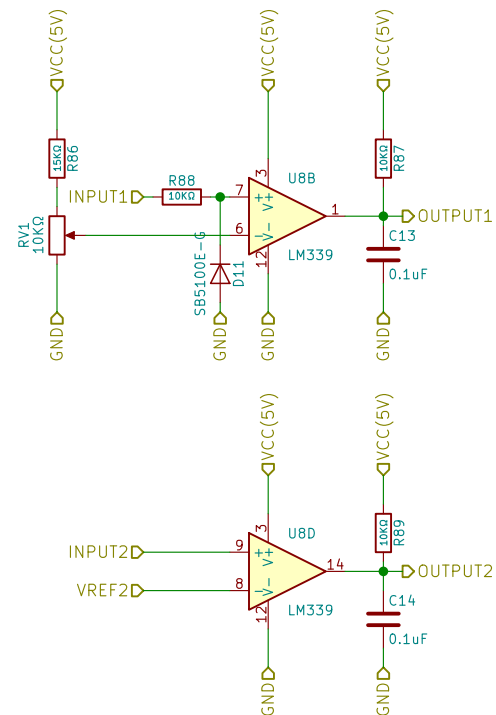
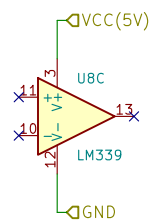
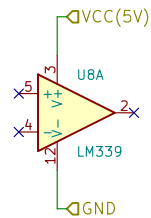
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KiCad E.D.A. kicad 4.0.7

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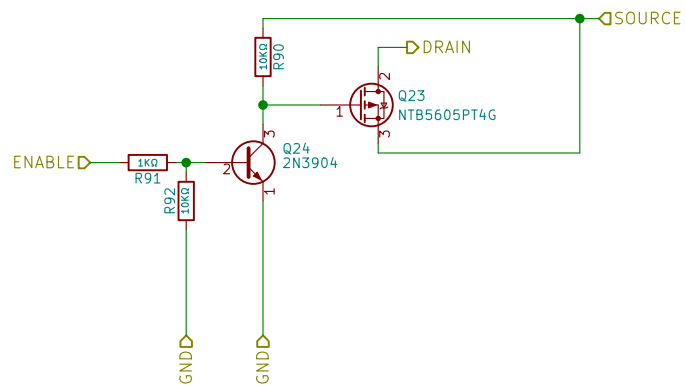
#### Hitchcock Management

Sheet: /hitchco-mk4/Comparator1/  
File: fileComparator1.sch

#### Title: sensor-mcu

Size: USLetter Date: 2017-10-11  
KiCad E.D.A. kicad 4.0.7

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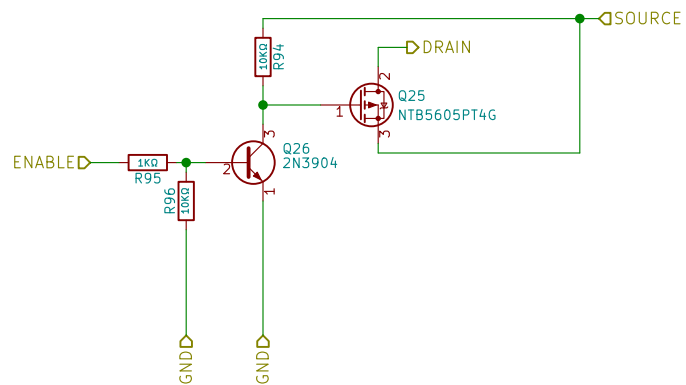


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**Title:**

Size: USLetter    Date:  
KiCad E.D.A.    kicad 4.0.7

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Id: 42/54

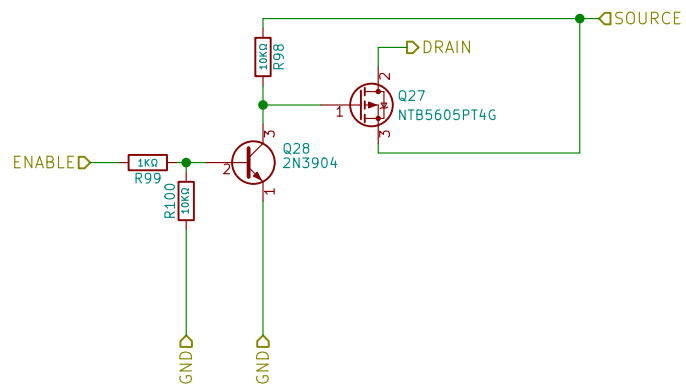


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File: filePMOS1.sch

**Title:**

Size: USLetter    Date:  
KiCad E.D.A.    kicad 4.0.7

**Rev:**  
Id: 43/54

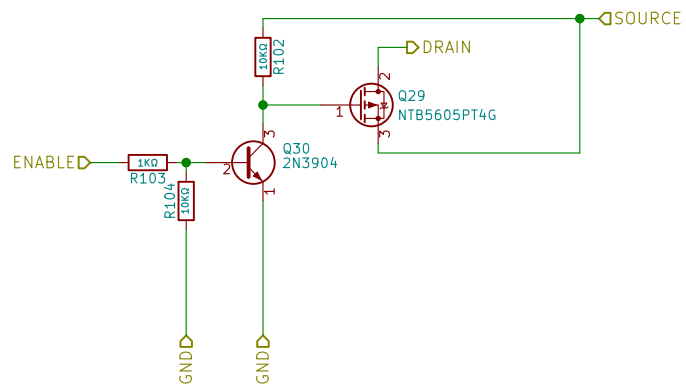


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File: filePMOS1.sch

**Title:**

Size: USLetter    Date:  
KiCad E.D.A.    kicad 4.0.7

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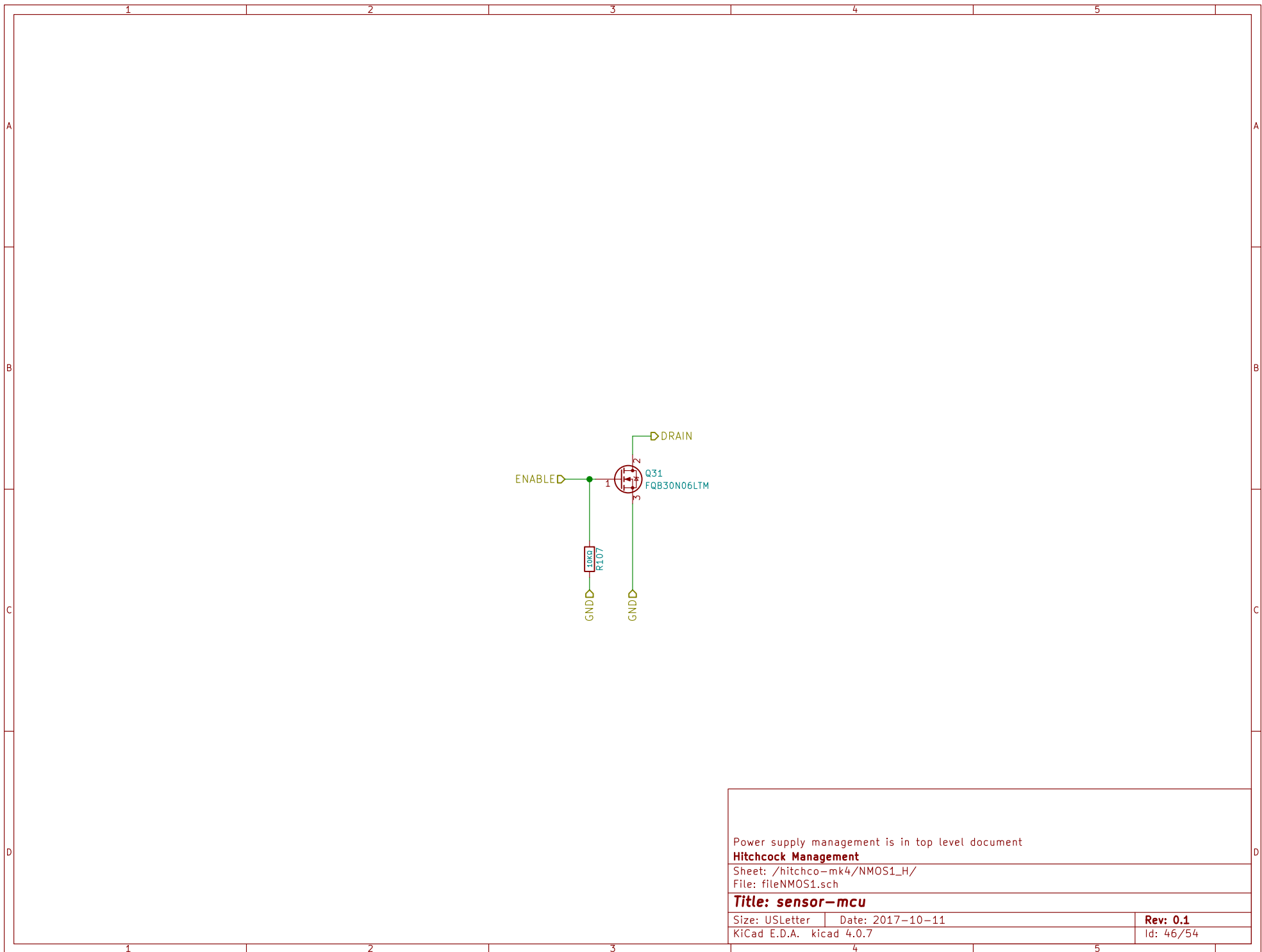


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File: filePMOS1.sch

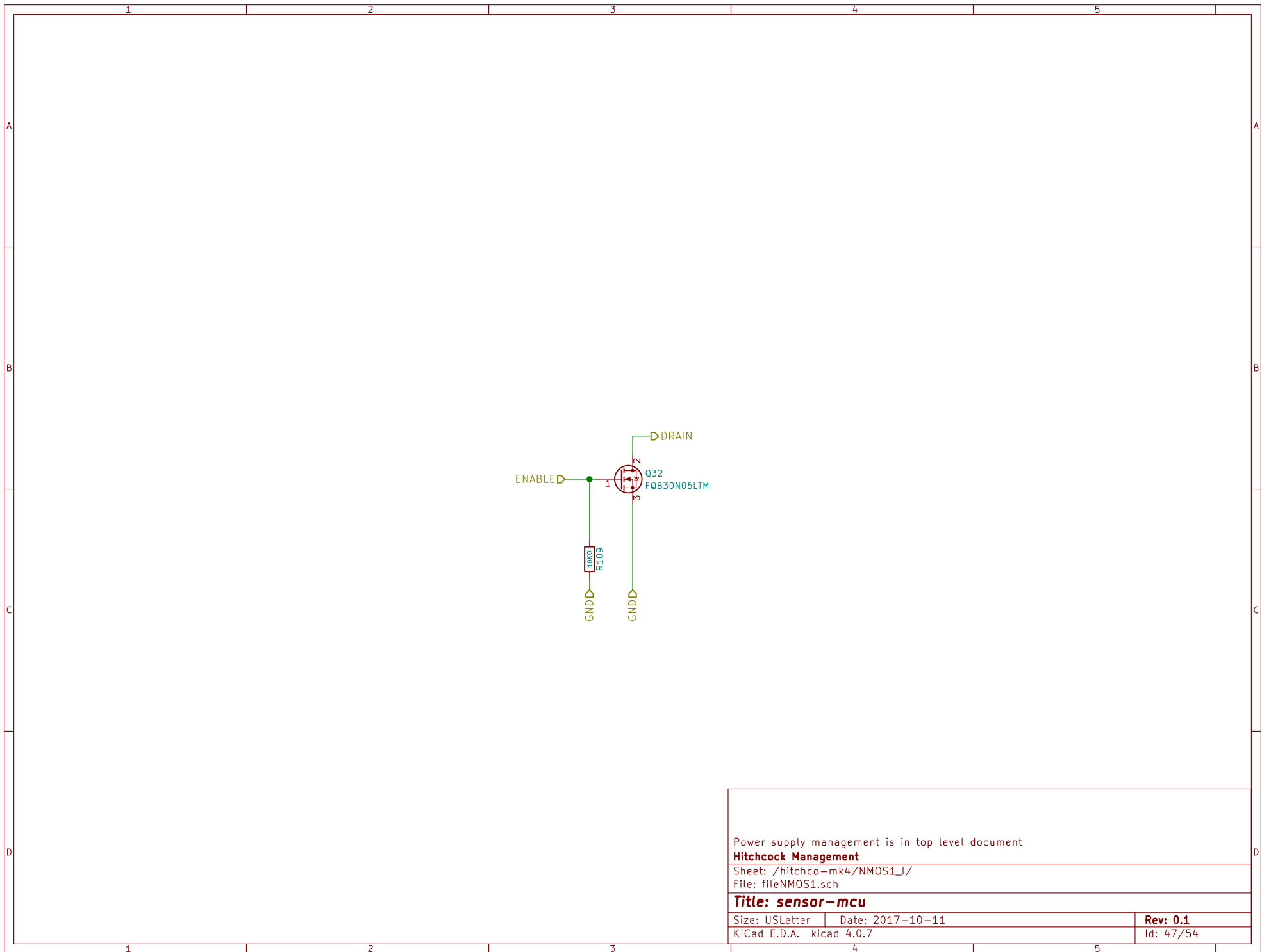
**Title:**

Size: USLetter    Date:  
KiCad E.D.A.    kicad 4.0.7

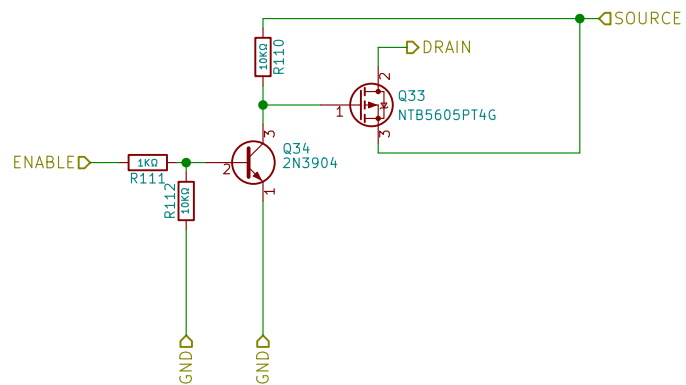
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<b>Hitchcock Management</b>		
Sheet: /hitchco-mk4/NMOS1_H/ File: fileNMOS1.sch		
<b>Title: sensor-mcu</b>		
Size: USLetter	Date: 2017-10-11	Rev: 0.1
KiCad E.D.A. kicad 4.0.7		Id: 46/54



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<b>Hitchcock Management</b>		
Sheet: /hitchco-mk4/NMOS1_l/ File: fileNMOS1.sch		
<b>Title: sensor-mcu</b>		
Size: USLetter	Date: 2017-10-11	<b>Rev: 0.1</b>
KiCad E.D.A. kicad 4.0.7		Id: 47/54



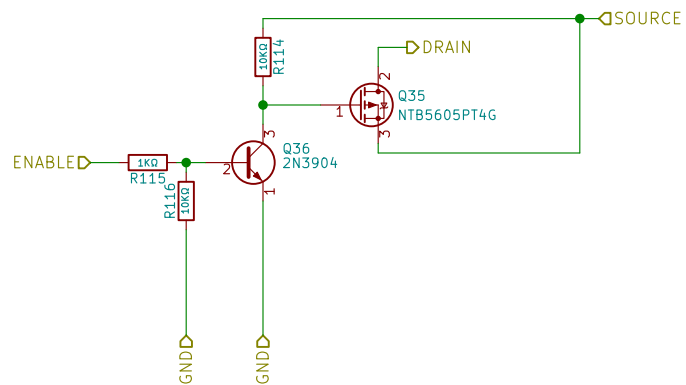
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File: filePMOS1.sch

**Title:**

Size: USLetter Date:  
KiCad E.D.A. kicad 4.0.7

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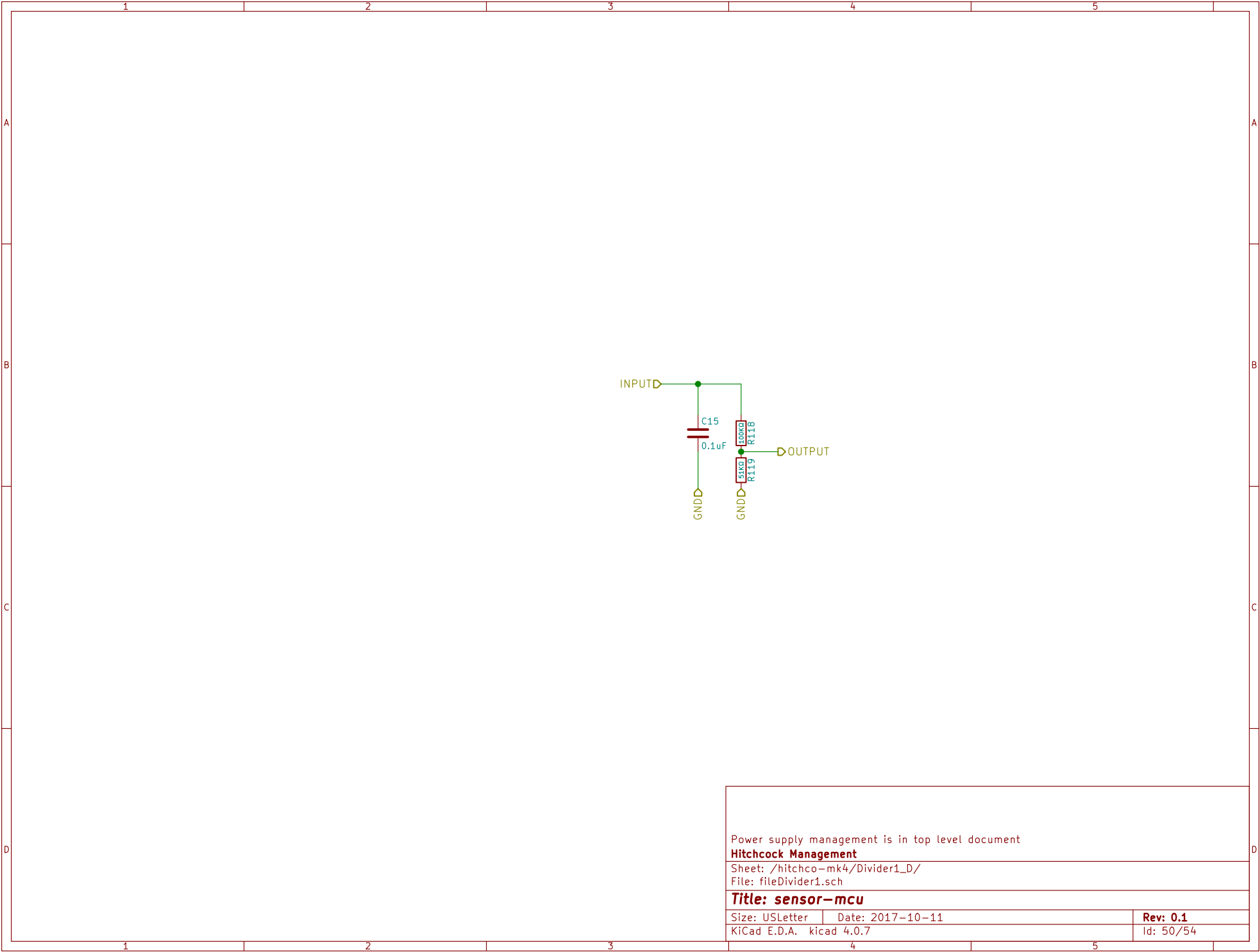


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**Title:**

Size: USLetter    Date:  
KiCad E.D.A.    kicad 4.0.7

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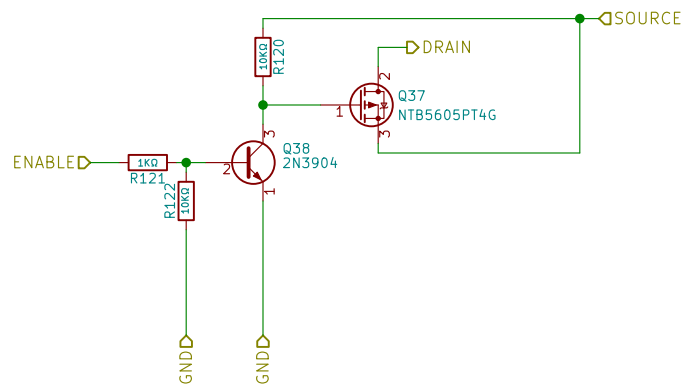
**Hitchcock Management**

Sheet: /hitchco-mk4/Divider1\_D/  
File: fileDivider1.sch

**Title: sensor-mcu**

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KiCad E.D.A.    kicad 4.0.7

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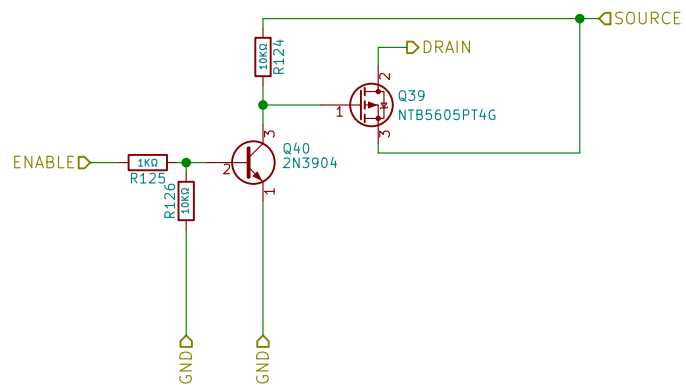


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File: filePMOS1.sch

**Title:**

Size: USLetter    Date:  
KiCad E.D.A.    kicad 4.0.7

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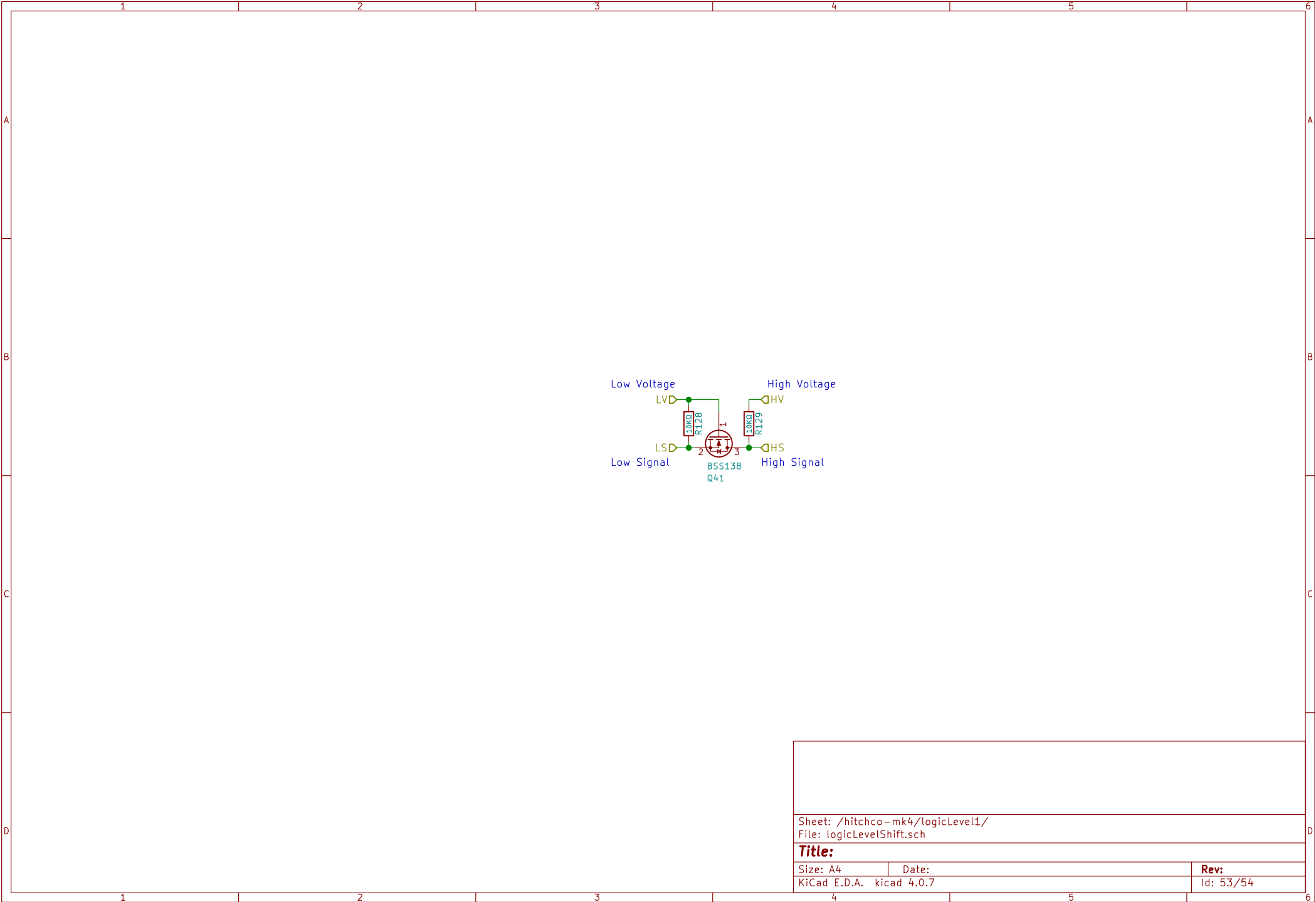


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File: filePMOS1.sch

**Title:**

Size: USLetter Date:  
KiCad E.D.A. kicad 4.0.7

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Sheet: /hitchco-mk4/logicLevel1/ File: logicLevelShift.sch		
<b>Title:</b>		
Size: A4	Date:	Rev:
KiCad E.D.A. kicad 4.0.7	Id: 53/54	

