

Janelia

Sheet: /

File: backlight\_controller\_5x3.sch

**Title: backlight\_controller\_5x3**

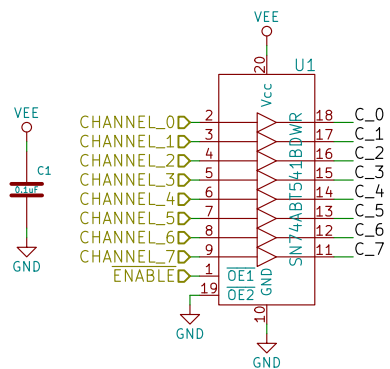
Size: A

Date:

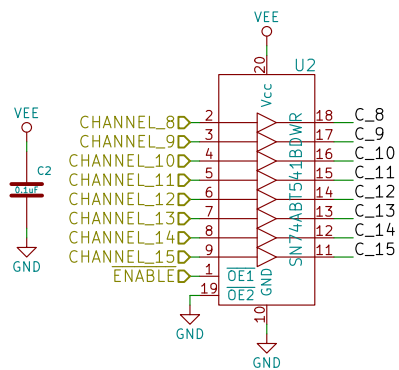
Rev: 1.2

KiCad E.D.A. kicad 6.0.0-rc1-unknown-4b44cbe66ubuntu18.04.1

Id: 1/21

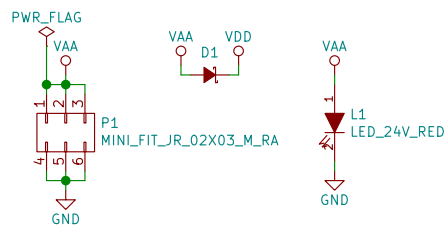


high\_voltage\_outputs  
 C\_0 > channel\_0  
 C\_1 > channel\_1  
 C\_2 > channel\_2  
 C\_3 > channel\_3  
 high\_voltage\_outputs.sch



low\_voltage\_outputs  
 C\_4 > channel\_0  
 C\_5 > channel\_1  
 C\_6 > channel\_2  
 C\_7 > channel\_3  
 low\_voltage\_outputs.sch

backlight\_outputs  
 C\_8 > channel\_0  
 C\_9 > channel\_1  
 C\_10 > channel\_2  
 C\_11 > channel\_3  
 C\_12 > channel\_4  
 C\_13 > channel\_5  
 C\_14 > channel\_6  
 C\_15 > channel\_7  
 backlight\_outputs.sch



Sheet: /backlight\_5x3/  
 File: backlight\_5x3.sch

**Title:**

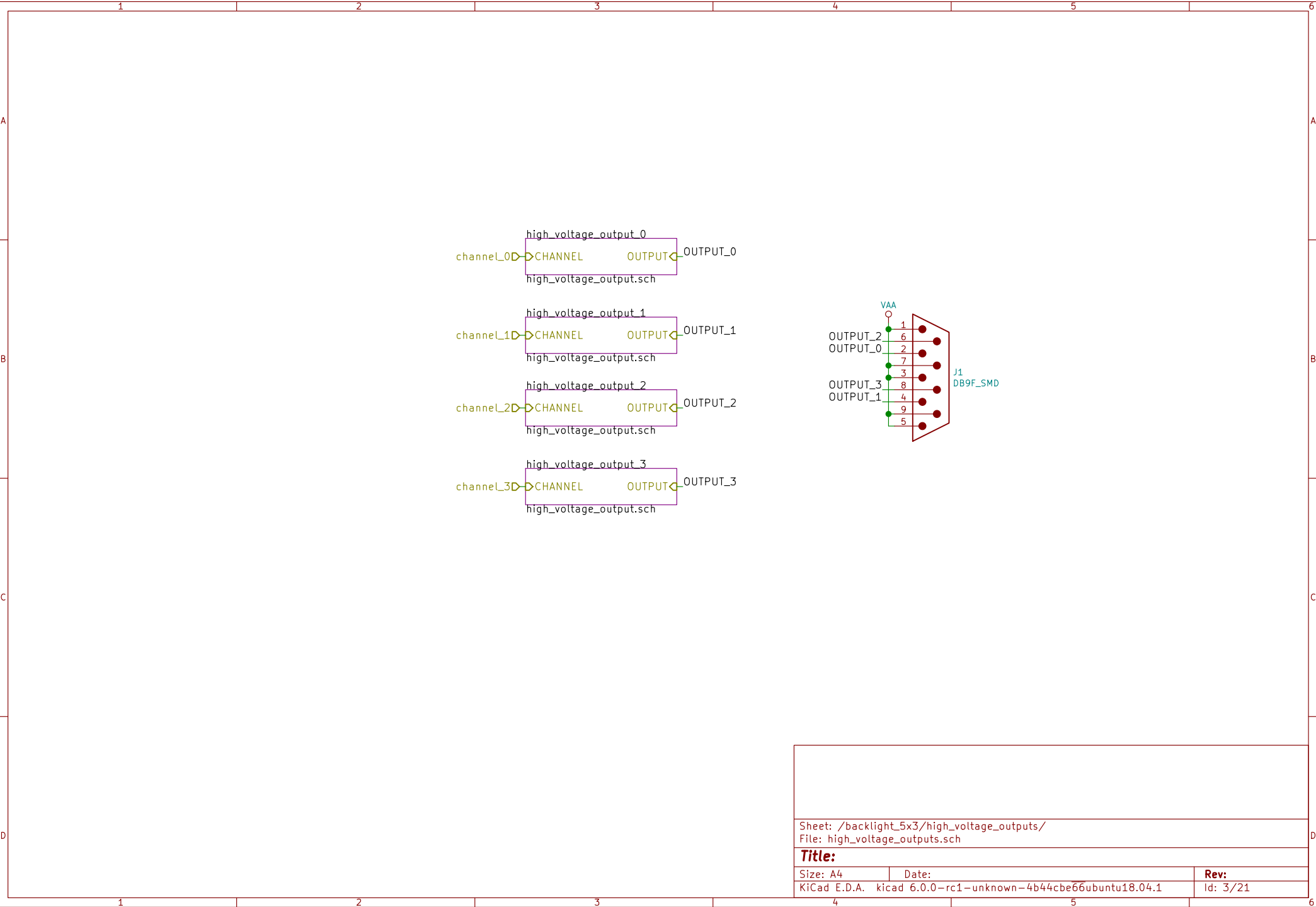
Size: A4

Date:

KiCad E.D.A. kicad 6.0.0-rc1-unknown-4b44cbe66ubuntu18.04.1

**Rev:**

Id: 2/21



Sheet: /backlight\_5x3/high\_voltage\_outputs/  
File: high\_voltage\_outputs.sch

**Title:**

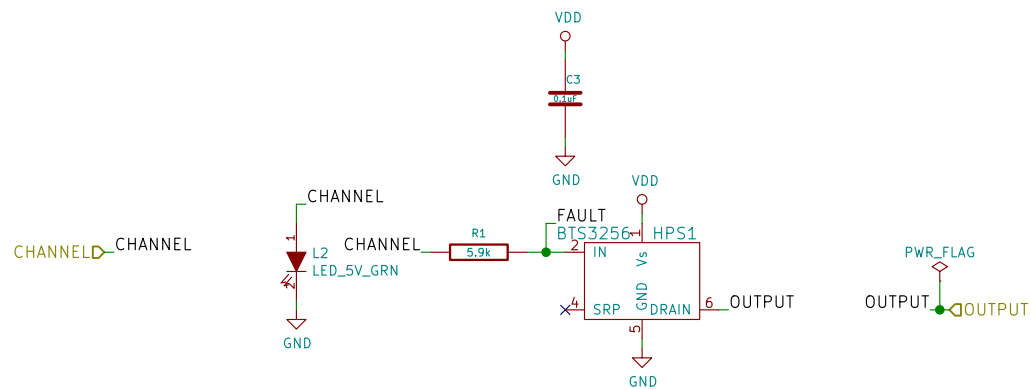
Size: A4

Date:

Rev:

KiCad E.D.A. kicad 6.0.0-rc1-unknown-4b44cbe66ubuntu18.04.1

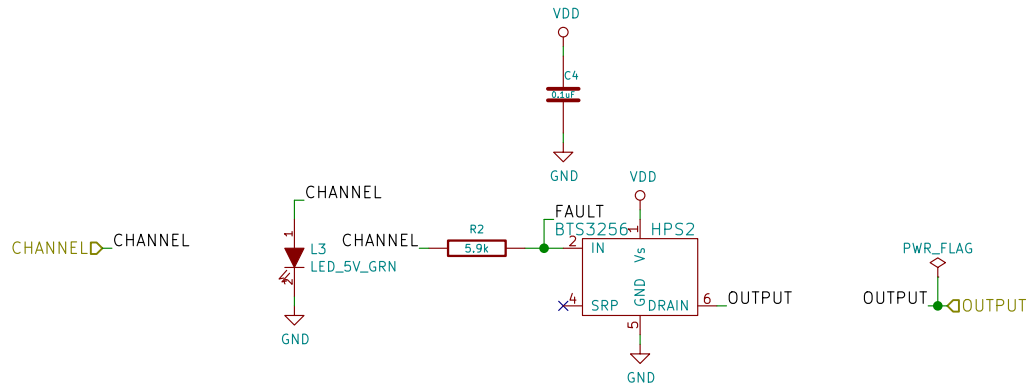
Id: 3/21



Sheet: /backlight\_5x3/high\_voltage\_outputs/high\_voltage\_output\_0/  
File: high\_voltage\_output.sch

**Title:**

Size: A4	Date:	Rev:
KiCad E.D.A. kicad 6.0.0-rc1-unknown-4b44cbe66ubuntu18.04.1		Id: 4/21



Sheet: /backlight\_5x3/high\_voltage\_outputs/high\_voltage\_output\_1/  
File: high\_voltage\_output.sch

**Title:**

Size: A4	Date:	Rev:
KiCad E.D.A. kicad 6.0.0-rc1-unknown-4b44cbe66ubuntu18.04.1		Id: 5/21

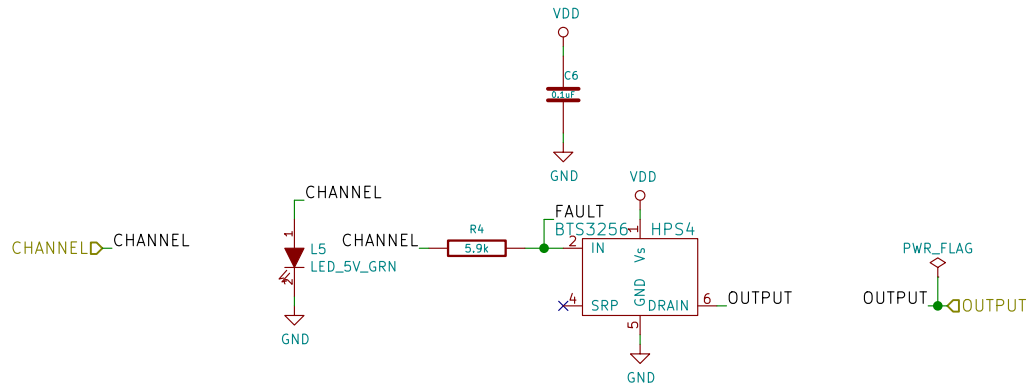


Size: A4	Date:
KiCad E.D.A. kicad 6.0.0-rc1-unknown-4b44cbe66ubuntu18.04.1	

Rev:

KiCad E.D.A. kicad 6.0.0-rc1-unknown-4b44cbe66ubuntu18.04.1

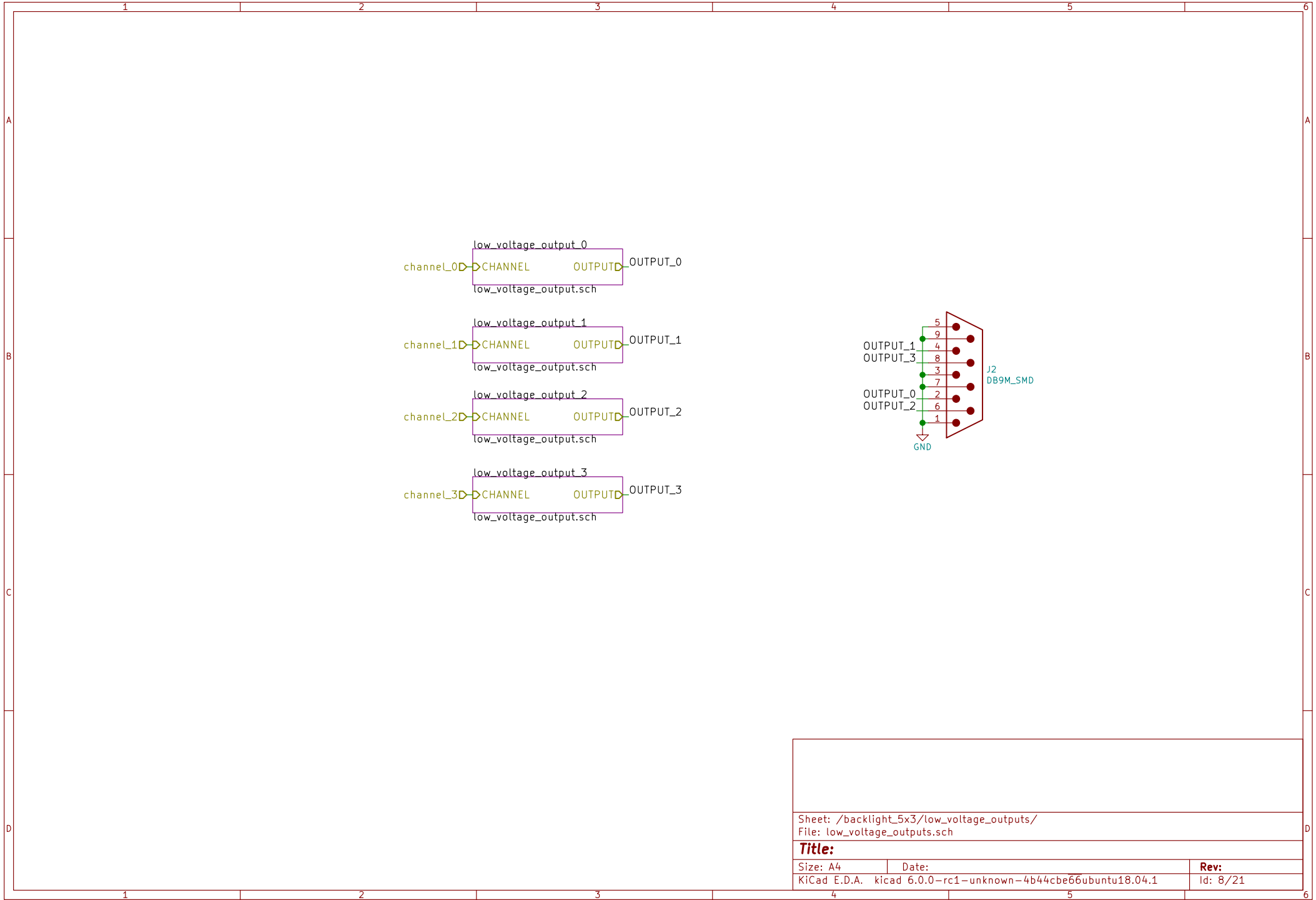
Id: 6/21



Sheet: /backlight\_5x3/high\_voltage\_outputs/high\_voltage\_output\_3/  
File: high\_voltage\_output.sch

**Title:**

Size: A4	Date:	Rev:
KiCad E.D.A. kicad 6.0.0-rc1-unknown-4b44cbe66ubuntu18.04.1		Id: 7/21

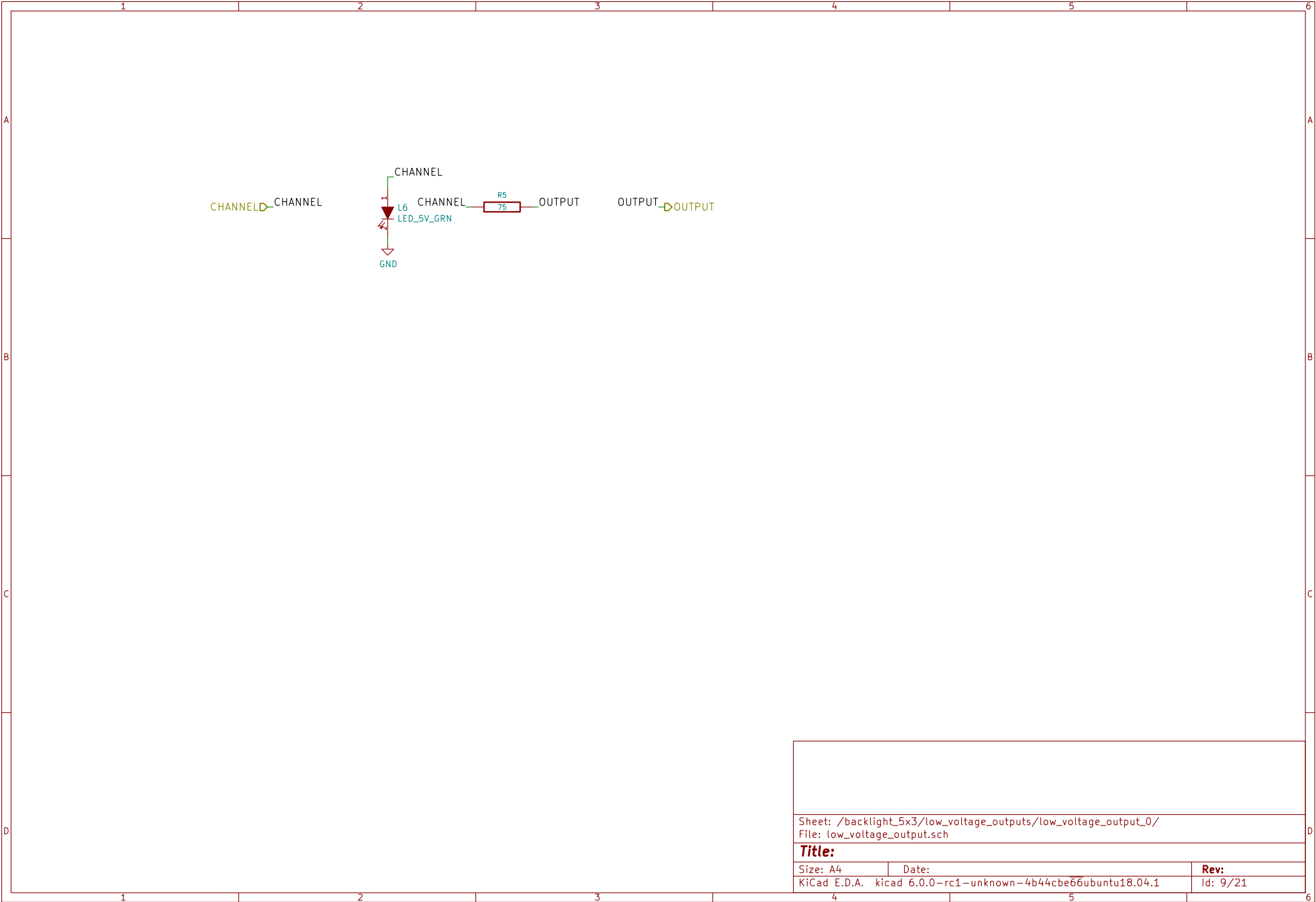


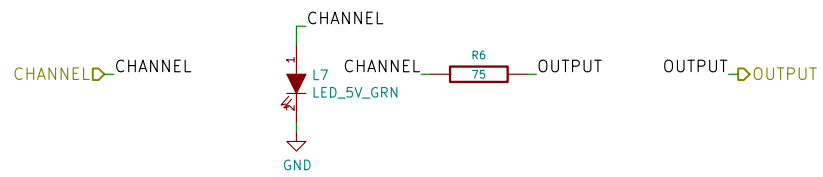
Sheet: /backlight\_5x3/low\_voltage\_outputs/  
File: low\_voltage\_outputs.sch

**Title:**

Size: A4	Date:	Rev:
KiCad E.D.A. kicad 6.0.0-rc1-unknown-4b44cbe66ubuntu18.04.1		Id: 8/21







Sheet: /backlight\_5x3/low\_voltage\_outputs/low\_voltage\_output\_1/  
File: low\_voltage\_output.sch

**Title:**

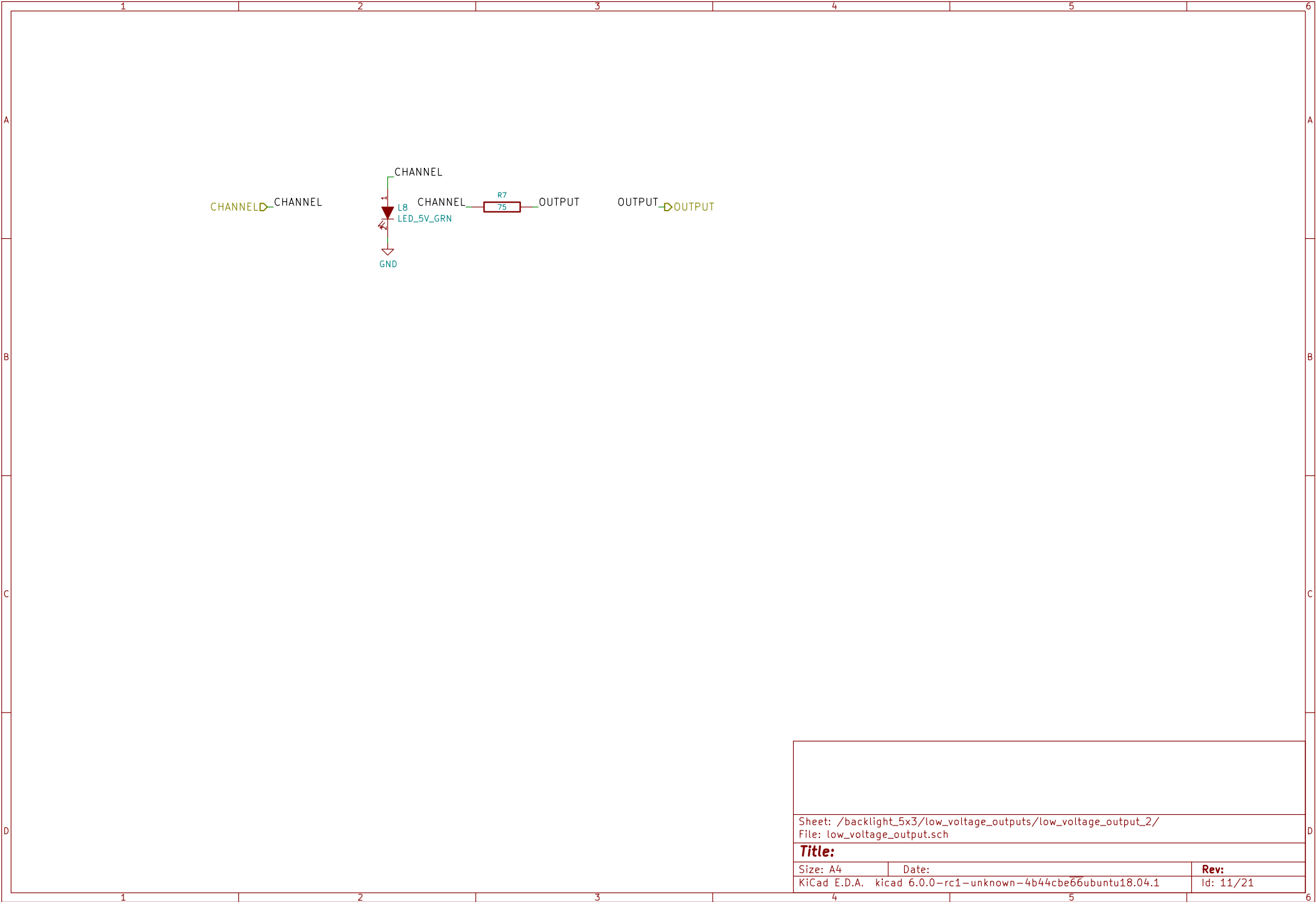
Size: A4

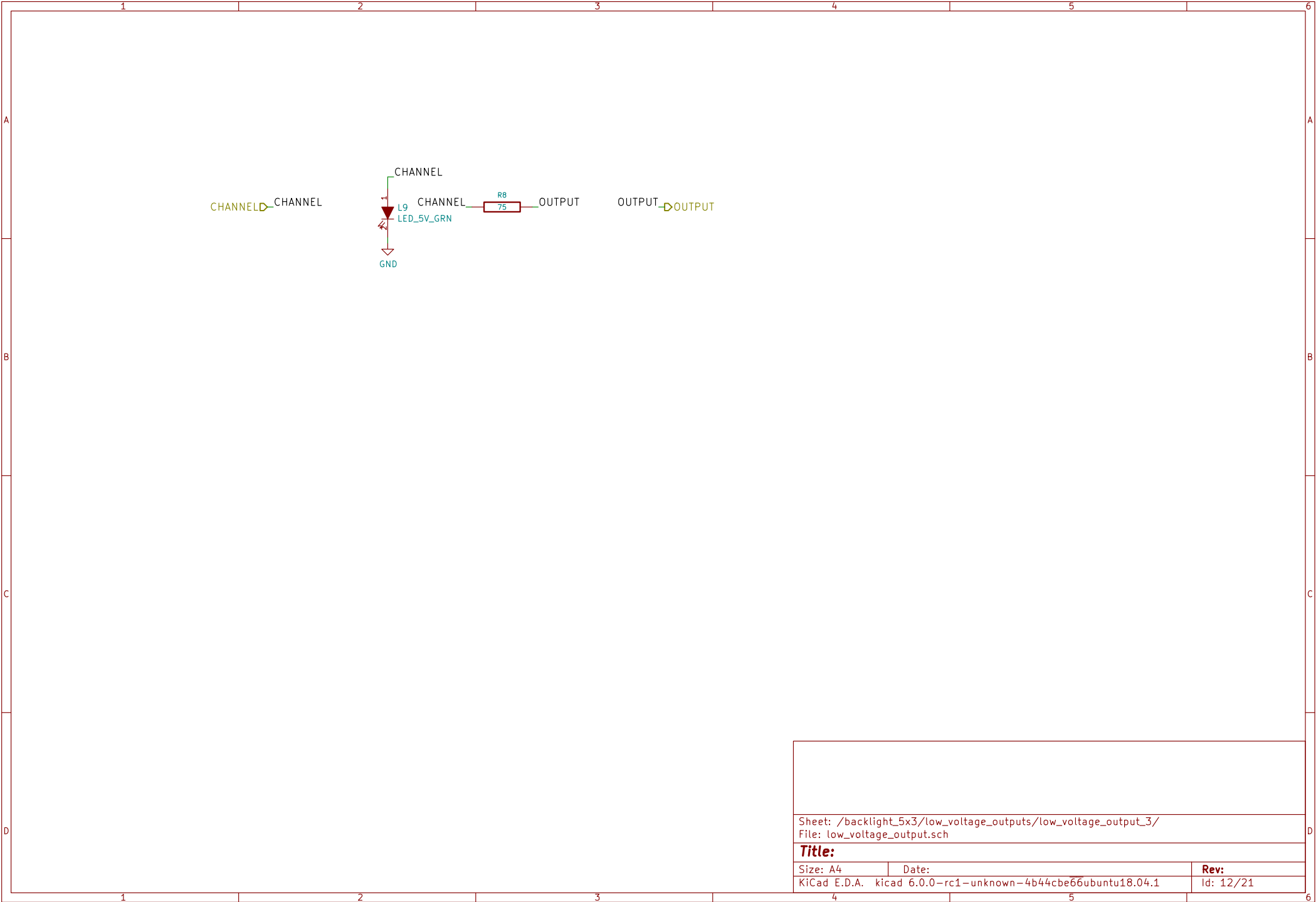
Date:

Size: A4	Date:
KiCad E.D.A. kicad 6.0.0-rc1-unknown-4b44cbe66ubuntu18.04.1	

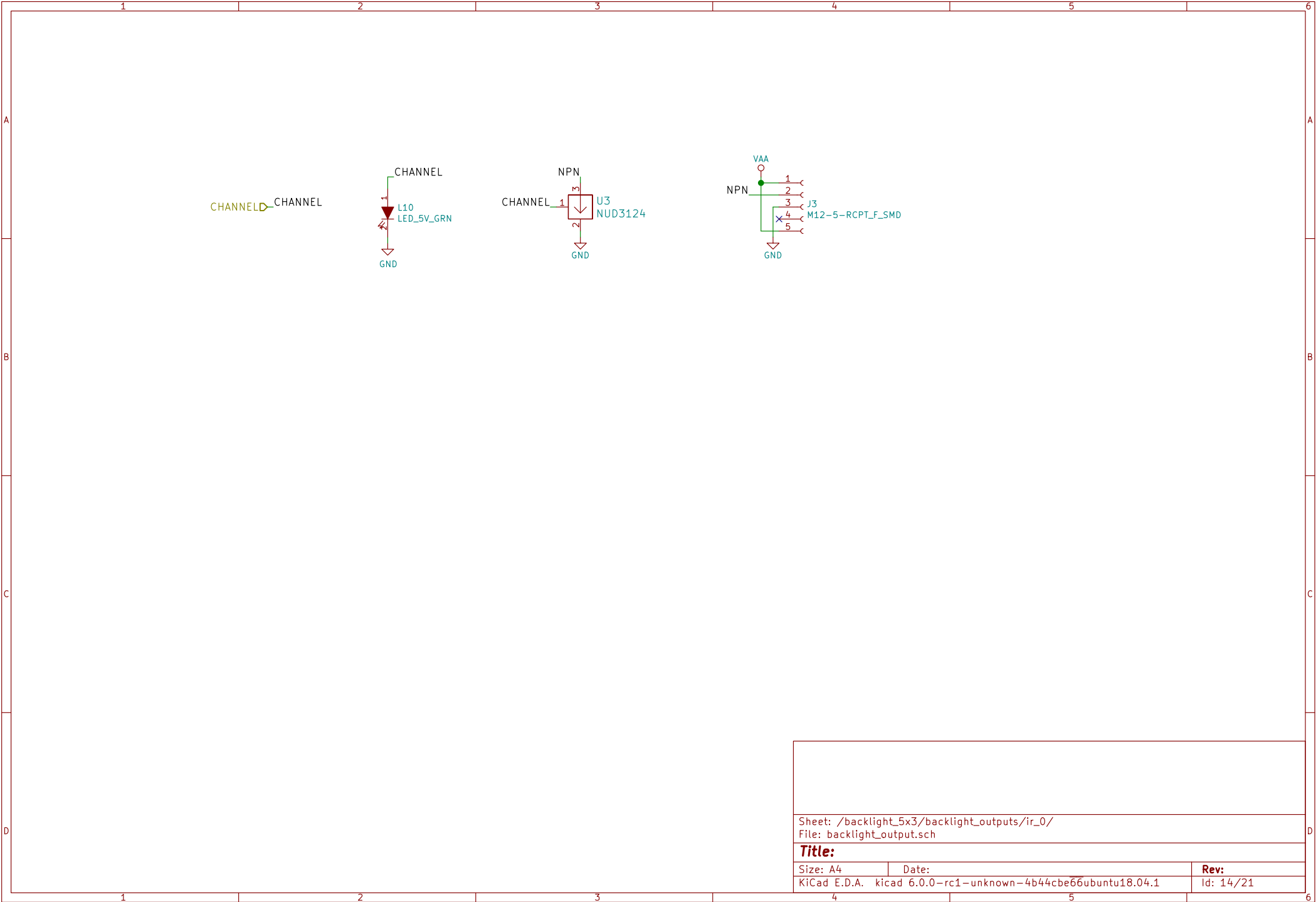
Rev:

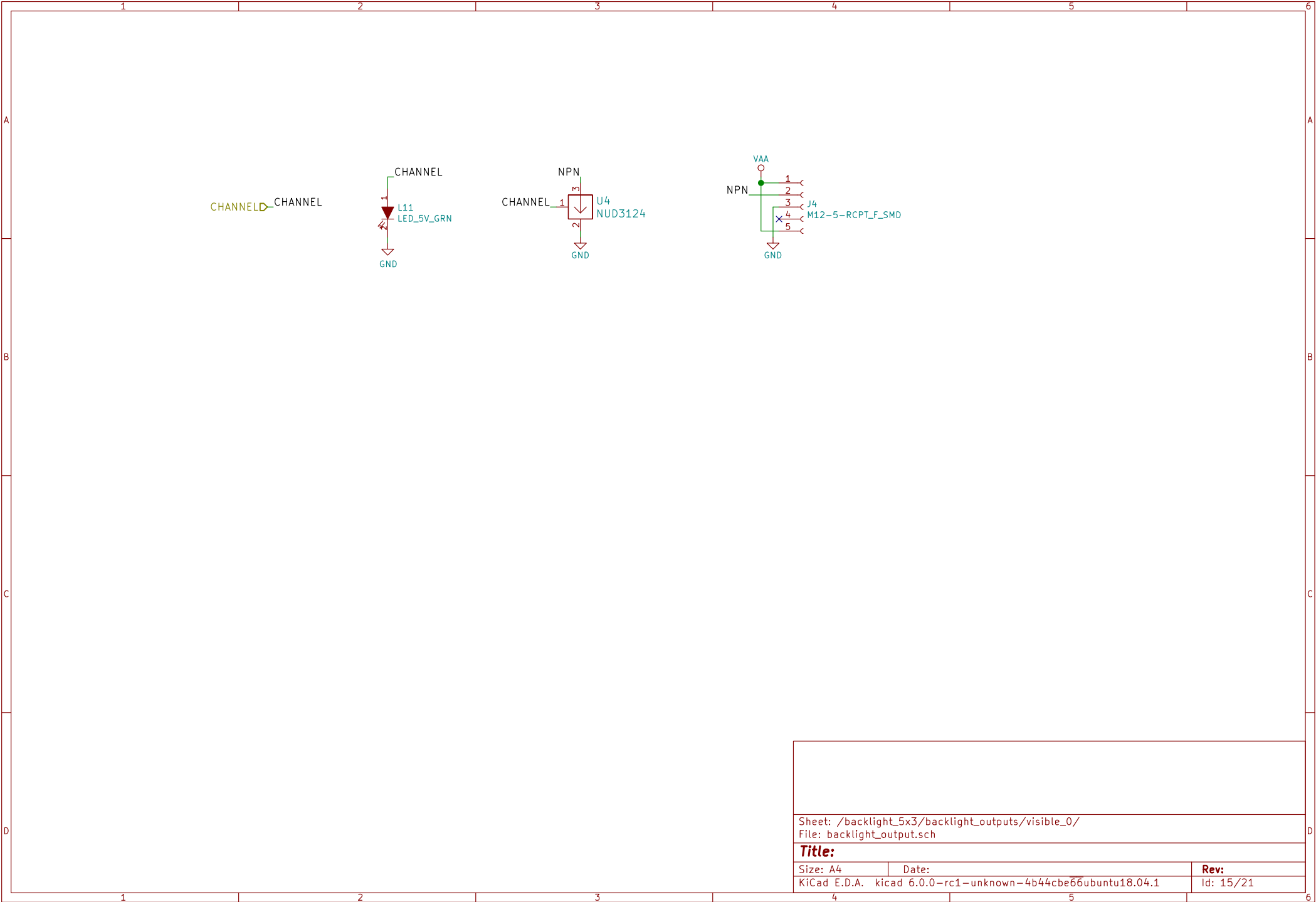
Id: 10/21



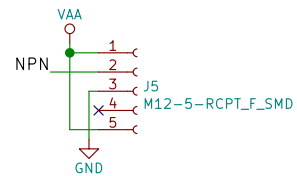
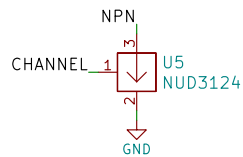
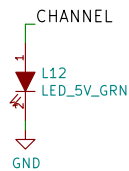








CHANNEL CHANNEL



Sheet: /backlight\_5x3/backlight\_outputs/ir\_1/  
File: backlight\_output.sch

**Title:**

Size: A4

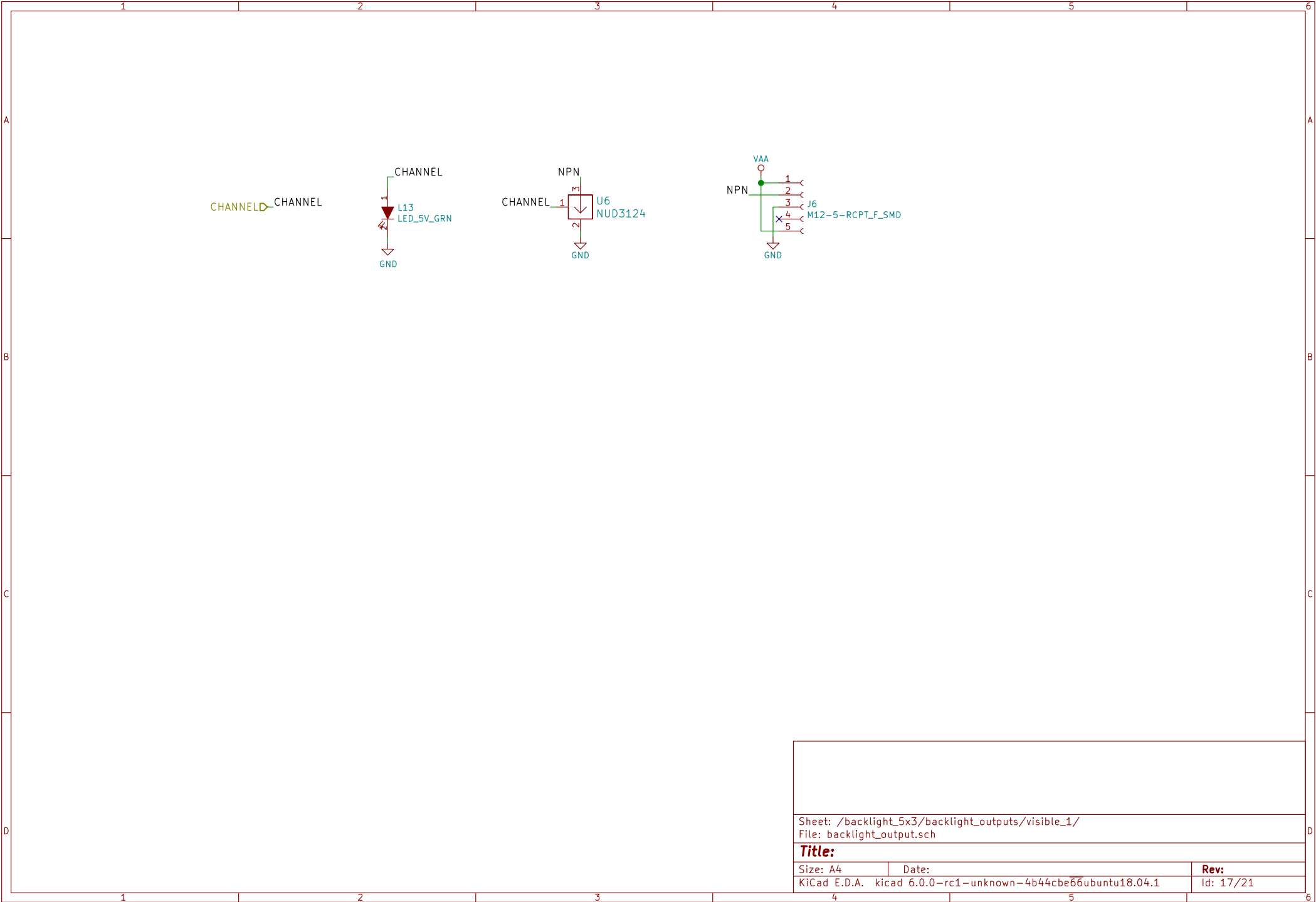
Date:

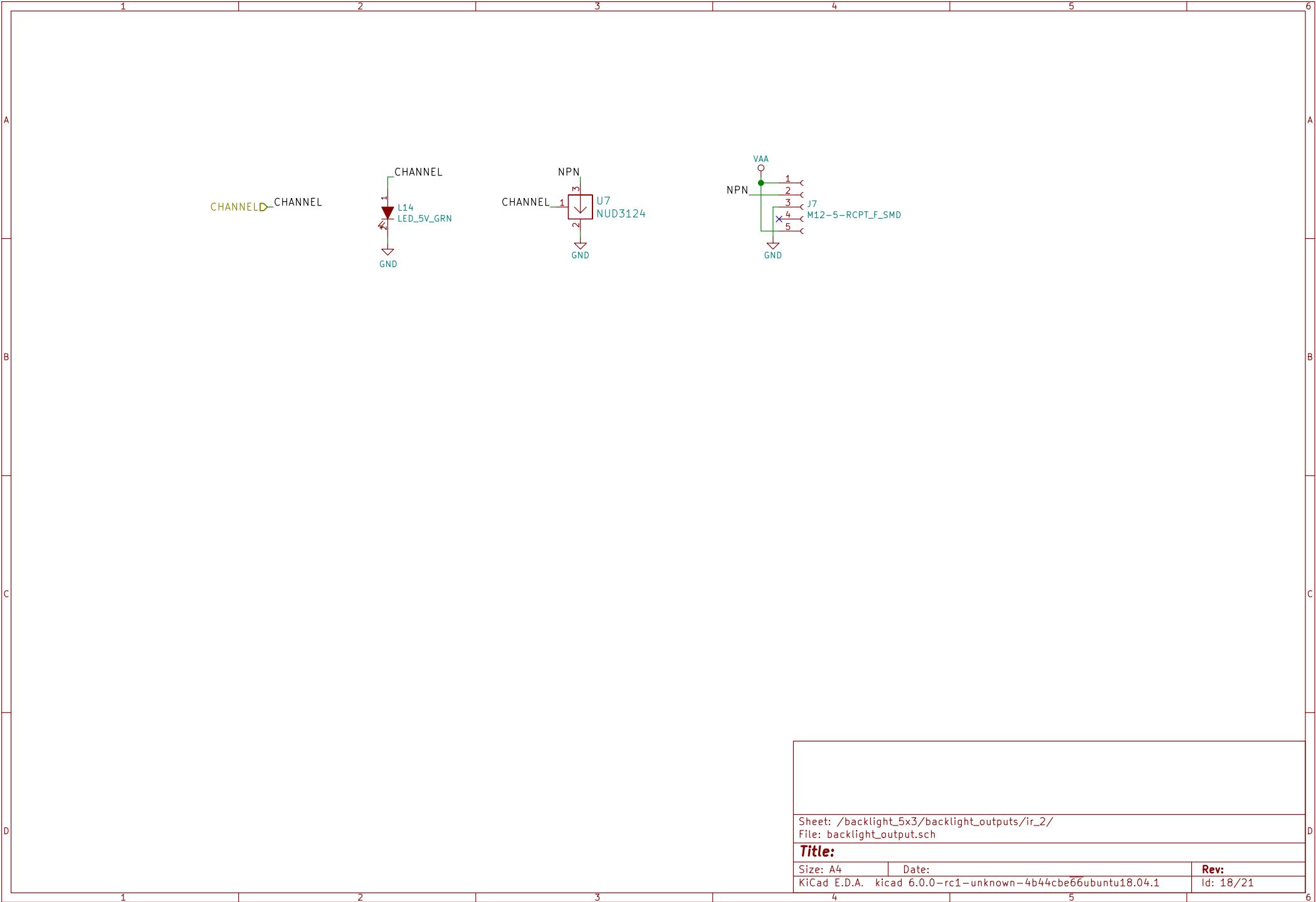
**Rev:**

KiCad E.D.A. kicad 6.0.0-rc1-unknown-4b44cbe66ubuntu18.04.1

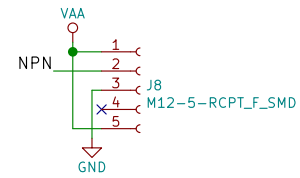
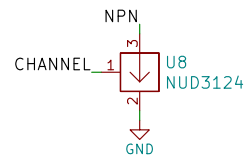
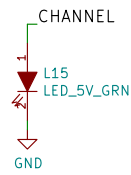
Id: 16/21







CHANNEL CHANNEL



Sheet: /backlight\_5x3/backlight\_outputs/visible\_2/  
File: backlight\_output.sch

**Title:**

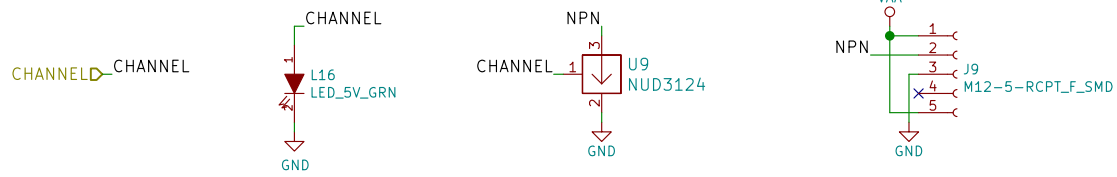
Size: A4

Date:

KiCad E.D.A. kicad 6.0.0-rc1-unknown-4b44cbe66ubuntu18.04.1

**Rev:**

Id: 19/21



Sheet: /backlight\_5x3/backlight\_outputs/ir\_3/  
File: backlight\_output.sch

**Title:**

Size: A4	Date:	Rev:
KiCad E.D.A. kicad 6.0.0-rc1-unknown-4b44cbe66ubuntu18.04.1		Id: 20/21

