

## LED Power Drivers

LED\_KEYMAP\_TEXT

Map of LDs  
to Keymap

Drawn from PCB by Hansem Ro

Sheet: /LED Circuits/  
File: led\_circuits.kicad\_sch

**Title:** Cooler Master MasterKeys Pro S RGB LED Circuits (US Layout)

Size: A4	Date:
KiCad E.D.A. kicad (6.0.10)	

Rev: B  
Id: 2/31

	1	2	3	4	5	6											
A	<div>LD16Pause</div>	<div>LD15ScrLK</div>	<div>LD14PrtSc</div>	<div>LD13F12</div>	<div>LD12F11</div>	<div>LD11F10</div>	<div>LD10F9</div>	<div>LD9F8</div>	<div>LD8F7</div>	<div>LD7F6</div>	<div>LD6F5</div>	<div>LD5F4</div>	<div>LD4F3</div>	<div>LD3F2</div>	<div>LD2F1</div>	<div>LD1Esc</div>	
	<div>LD33PgUp</div>	<div>LD32Home</div>	<div>LD31Ins_</div>	<div>LD30BcksP</div>	<div>LD29=_</div>	<div>LD28_</div>	<div>LD270</div>	<div>LD269</div>	<div>LD258</div>	<div>LD247</div>	<div>LD236</div>	<div>LD225</div>	<div>LD214</div>	<div>LD203</div>	<div>LD192</div>	<div>LD181</div>	<div>LD17</div>
B	<div>LD49PgDwn</div>	<div>LD48End</div>	<div>LD47Del</div>	<div>LD87\</div>	<div>LD46I</div>	<div>LD45I</div>	<div>LD44P</div>	<div>LD43O</div>	<div>LD42L</div>	<div>LD41U</div>	<div>LD40Y</div>	<div>LD39T</div>	<div>LD38R</div>	<div>LD37E</div>	<div>LD36W</div>	<div>LD35Q</div>	<div>LD34Tab</div>
			<div>LD92NC</div>														
				<div>LD62Enter</div>	<div>LD88NC</div>	<div>LD61</div>	<div>LD60</div>	<div>LD59L</div>	<div>LD58K</div>	<div>LD57J</div>	<div>LD56H</div>	<div>LD55G</div>	<div>LD54F</div>	<div>LD53D</div>	<div>LD52S</div>	<div>LD51A</div>	<div>LD50CapsLk</div>
C	<div>LD83UpArrow</div>		<div>LD74RgtShift</div>	<div>LD73✓</div>	<div>LD72</div>	<div>LD71</div>	<div>LD70M</div>	<div>LD69N</div>	<div>LD68B</div>	<div>LD67V</div>	<div>LD66C</div>	<div>LD65X</div>	<div>LD64Z</div>	<div>LD89NC_</div>	<div>LD63LftShift</div>	<div>LD93NC_</div>	
	<div>LD86RgtArrow</div>	<div>LD84DwnArrow</div>	<div>LD85LftArrow</div>	<div>LD82RgtCtrl</div>	<div>LD81Fn</div>	<div>LD80RgtWin</div>	<div>LD79RgtAlt</div>	<div>LD91NC</div>		<div>LD78Space</div>		<div>LD90NC</div>	<div>LD77LftAlt</div>	<div>LD76LftWin</div>	<div>LD75LftCtrl</div>		
D																	

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Sheet: /LED Circuits/LED\_KEYMAP\_TEXT/  
File: led\_keymap\_text\_sch.kicad\_sch

Title:

Size: A4

Date:

Rev:

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Sheet: /LED Circuits/LED\_KEYMAP\_TEXT/  
File: led\_keymap\_text.sch.kicad\_sch

Title:

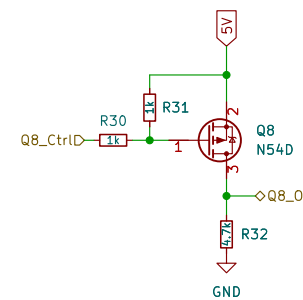
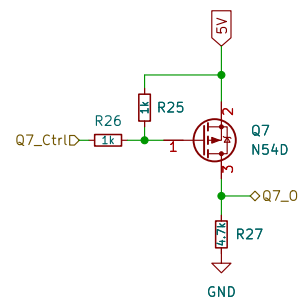
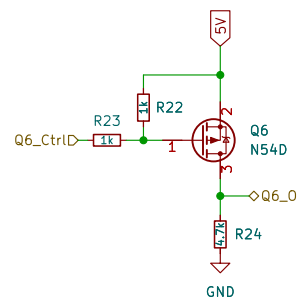
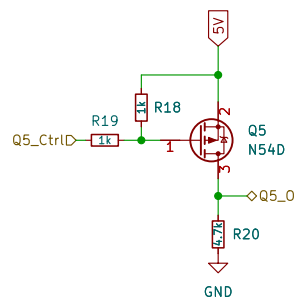
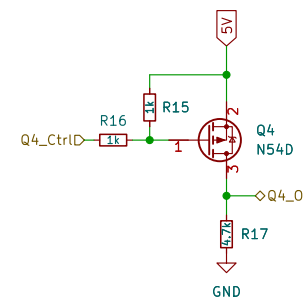
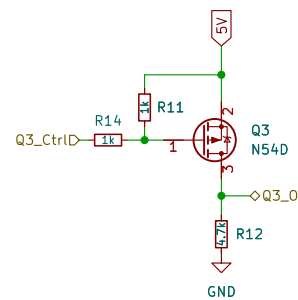
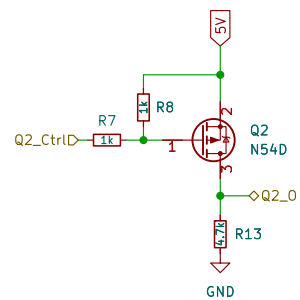
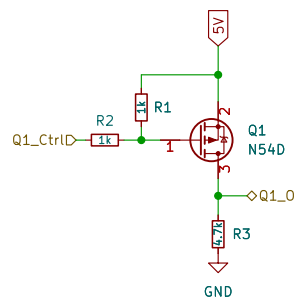
Size: A4

Date:

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Q<N> is on when Q<N>\_Ctrl is pulled low  
and off when it is Hi-Z.

Drawn from PCB by Hansem Ro

Sheet: /LED Circuits/LED Power Switches/  
File: led\_power\_switches.kicad\_sch

**Title:**

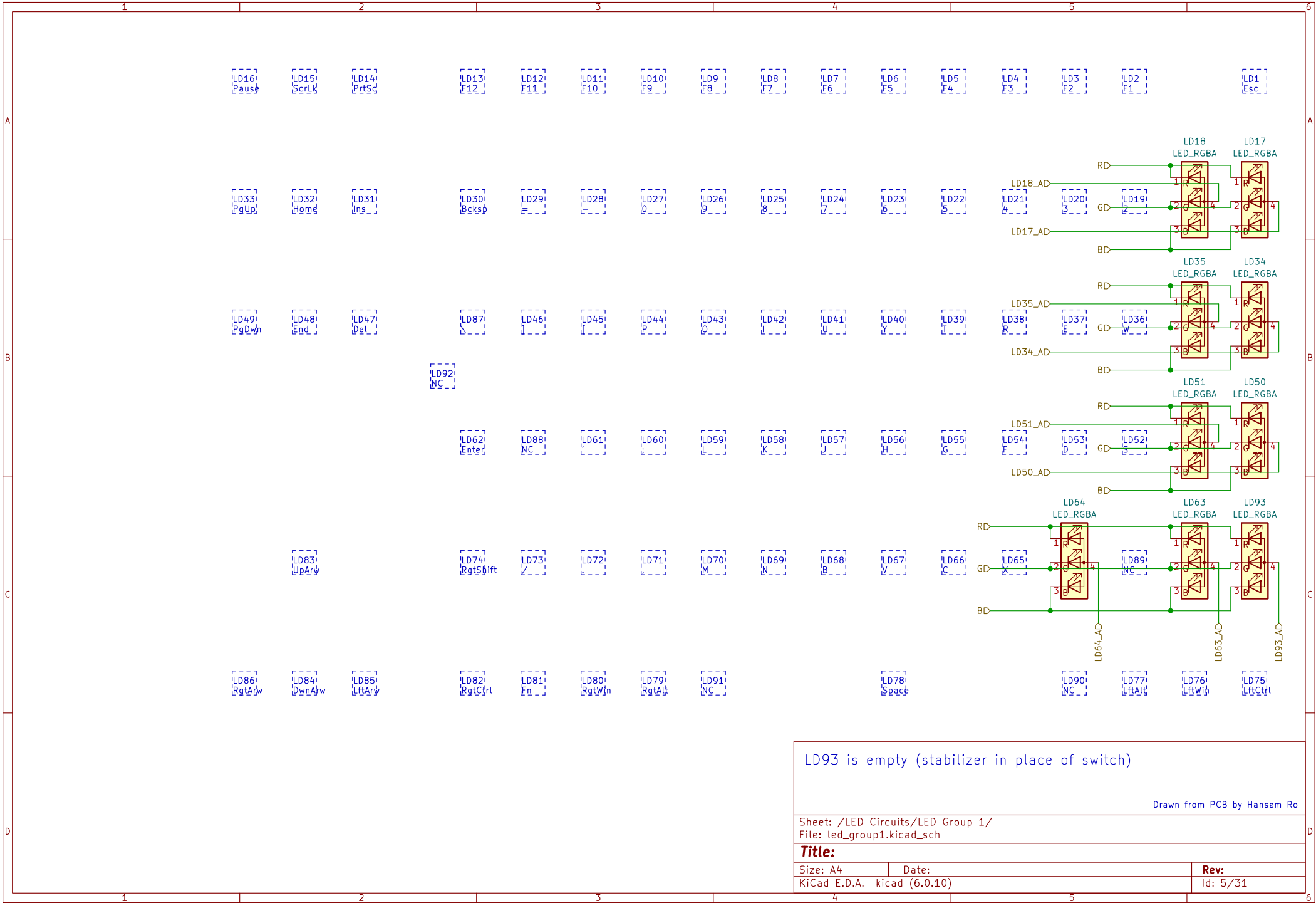
Size: A4

Date:

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LD93 is empty (stabilizer in place of switch)

Drawn from PCB by Hansem Ro

Sheet: /LED Circuits/LED Group 1/  
File: led\_group1.kicad\_sch

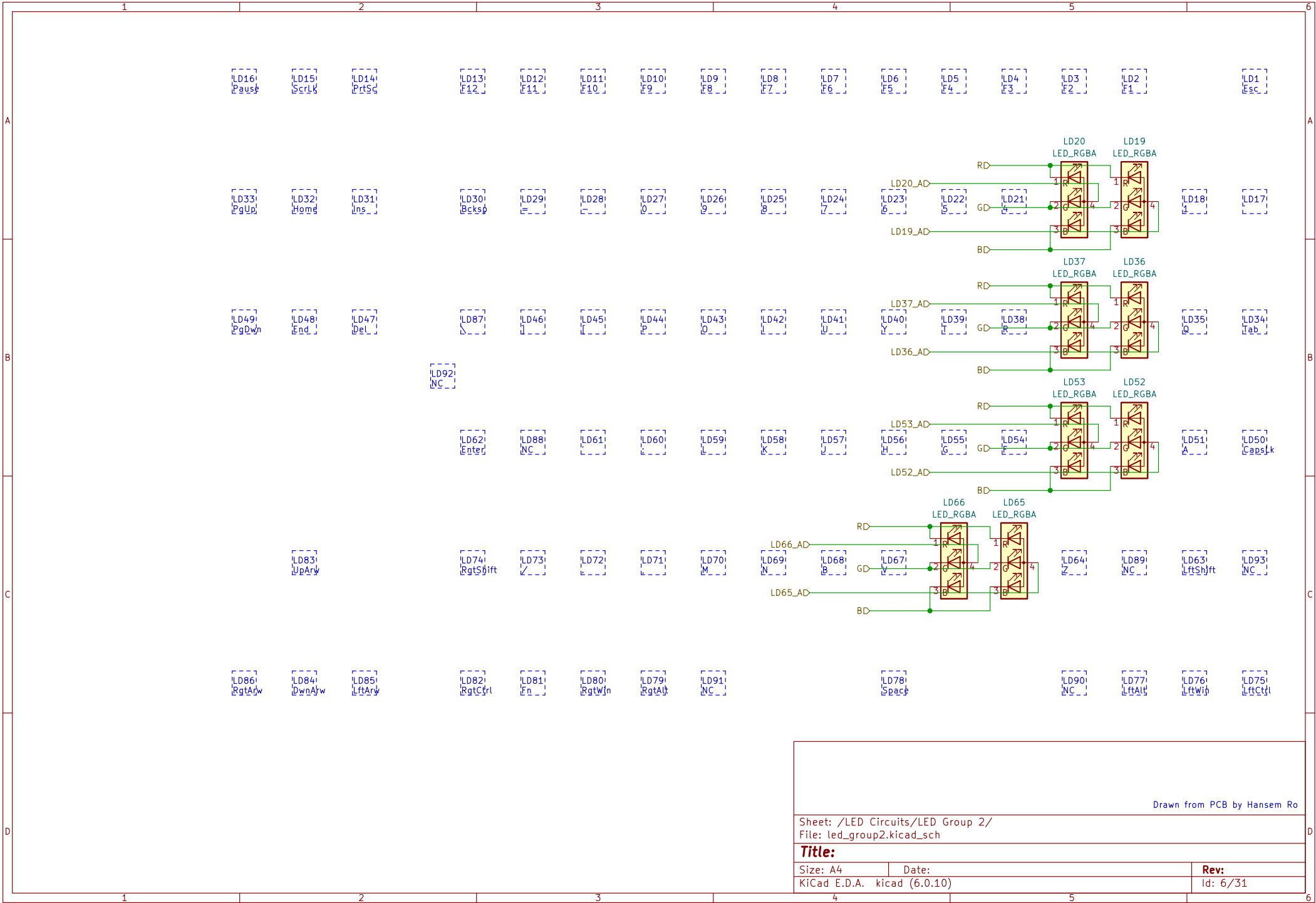
**Title:**

Size: A4  
KiCad E.D.A. kicad (6.0.10)

Date:

**Rev:**

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Drawn from PCB by Hansem Ro

Sheet: /LED Circuits/LED Group 2/  
File: led\_group2.kicad\_sch

**Title:**

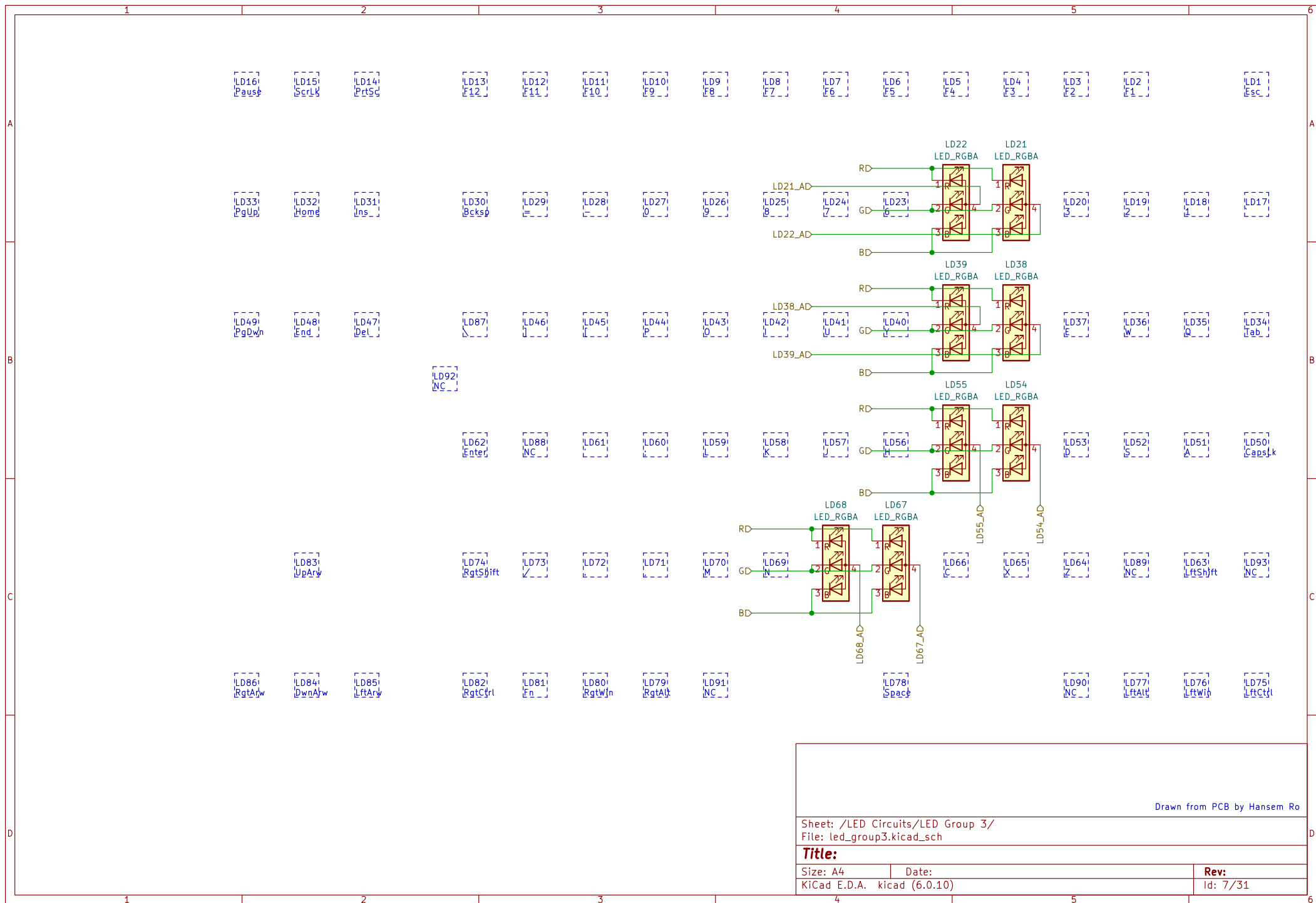
Size: A4

Date:

KiCad E.D.A. kicad (6.0.10)

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Drawn from PCB by Hansem Ro

Sheet: /LED Circuits/LED Group 3/  
File: led\_group3.kicad\_sch

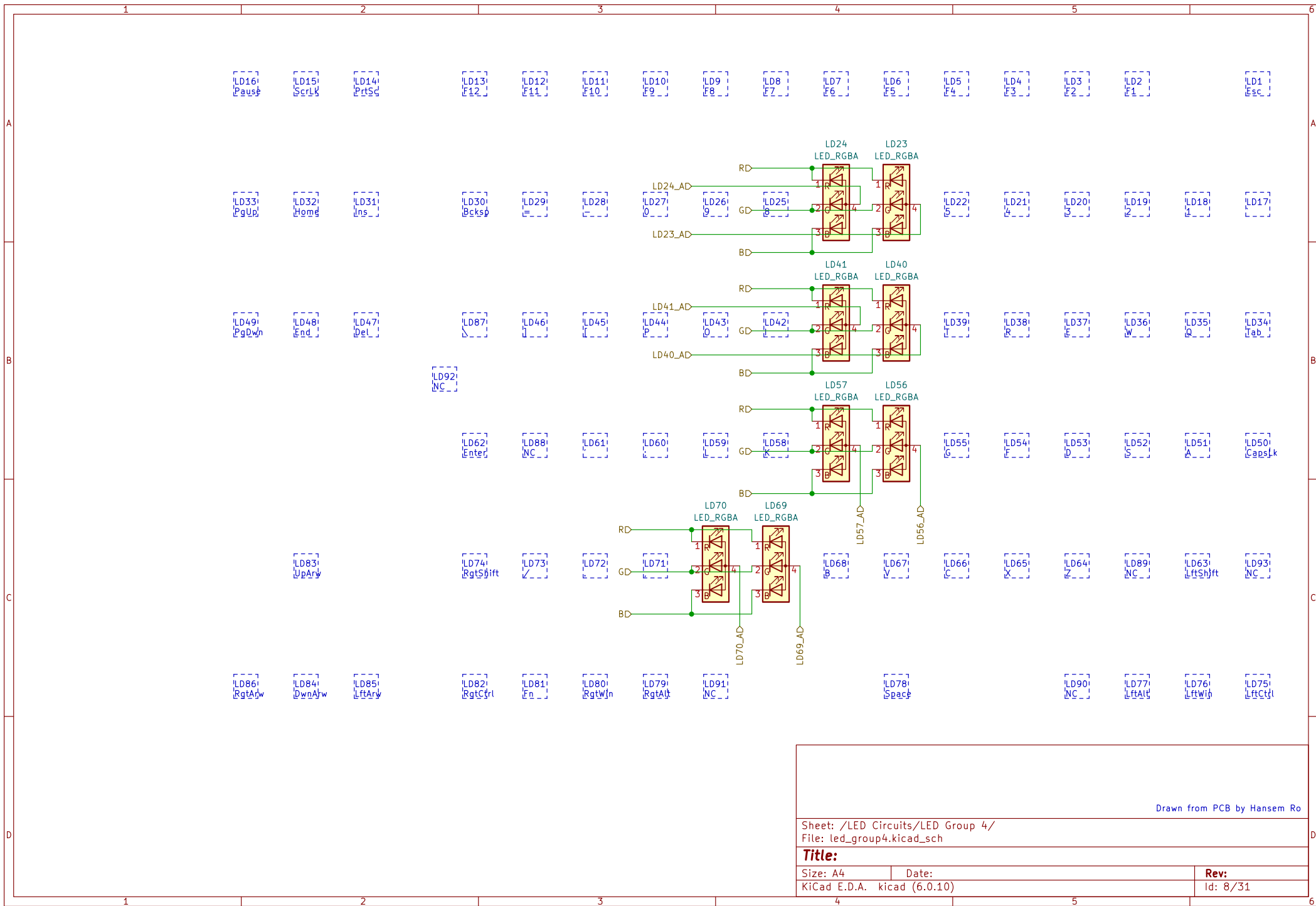
**Title:**

Size: A4  
KiCad E.D.A. kicad (6.0.10)

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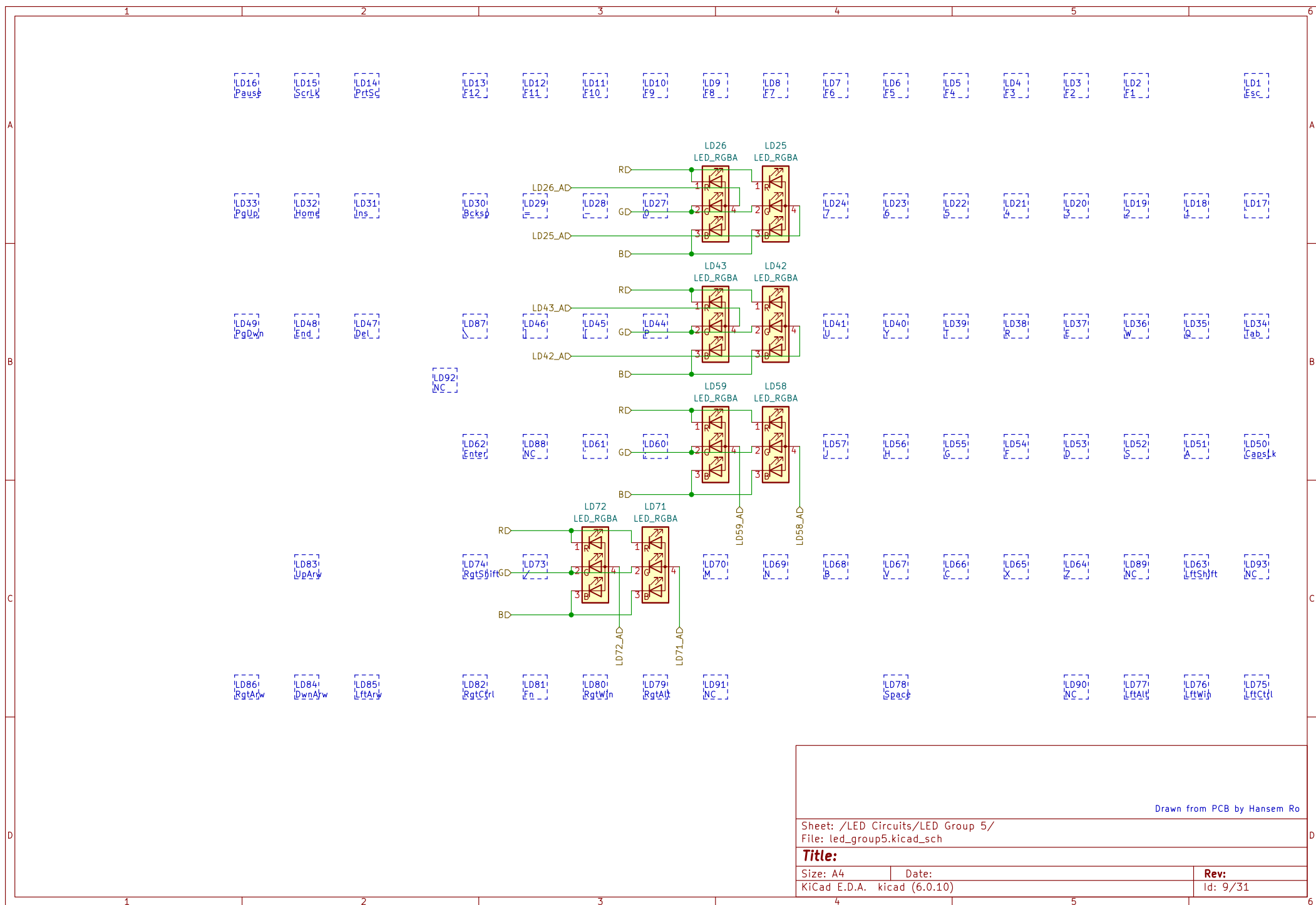
Drawn from PCB by Hansem Ro

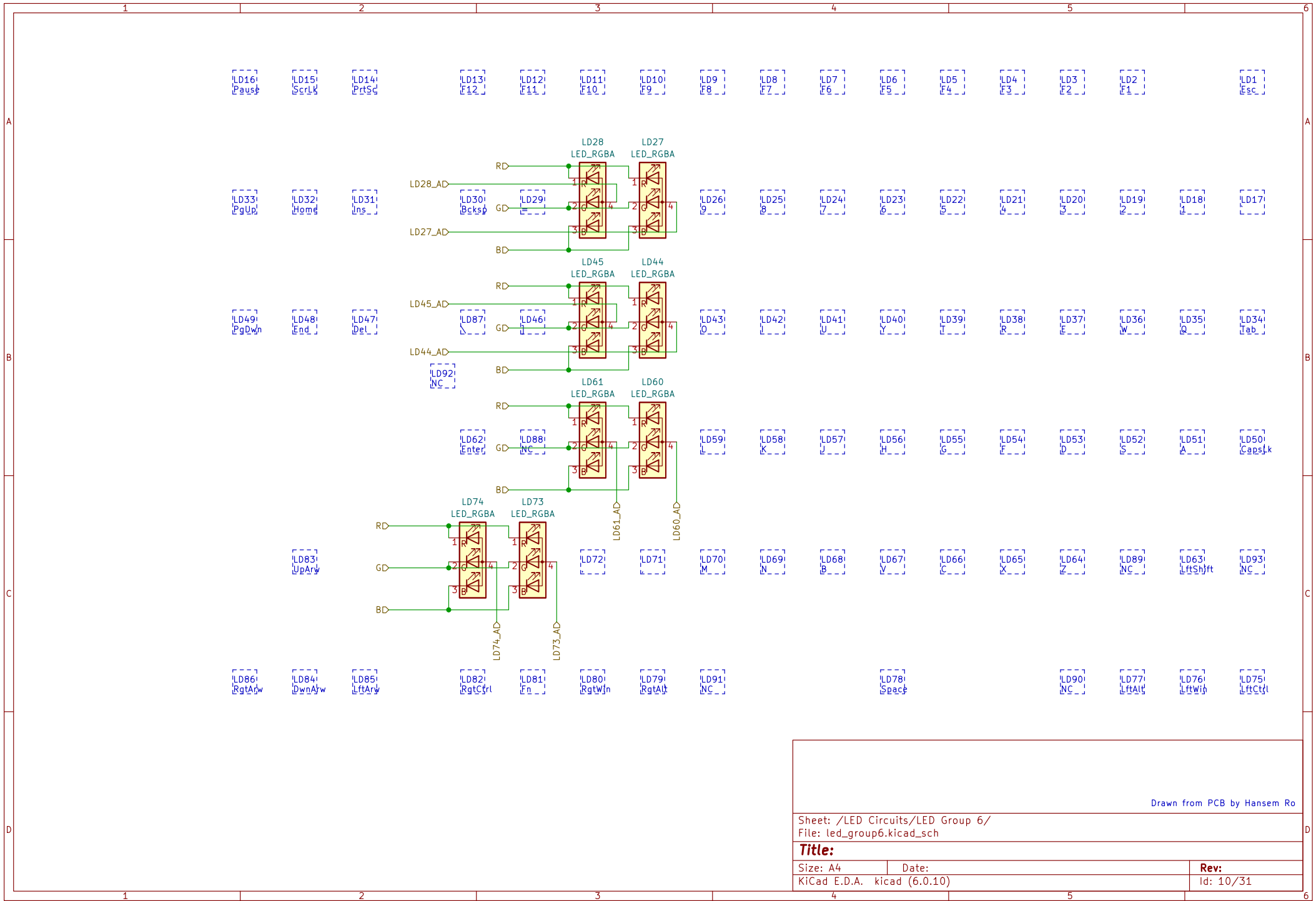
Sheet: /LED Circuits/LED Group 4/  
File: led\_group4.kicad\_sch

# **Title:**

Size: A4	Date:	Rev:
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Drawn from PCB by Hansem Ro

Sheet: /LED Circuits/LED Group 6/  
File: led\_group6.kicad\_sch

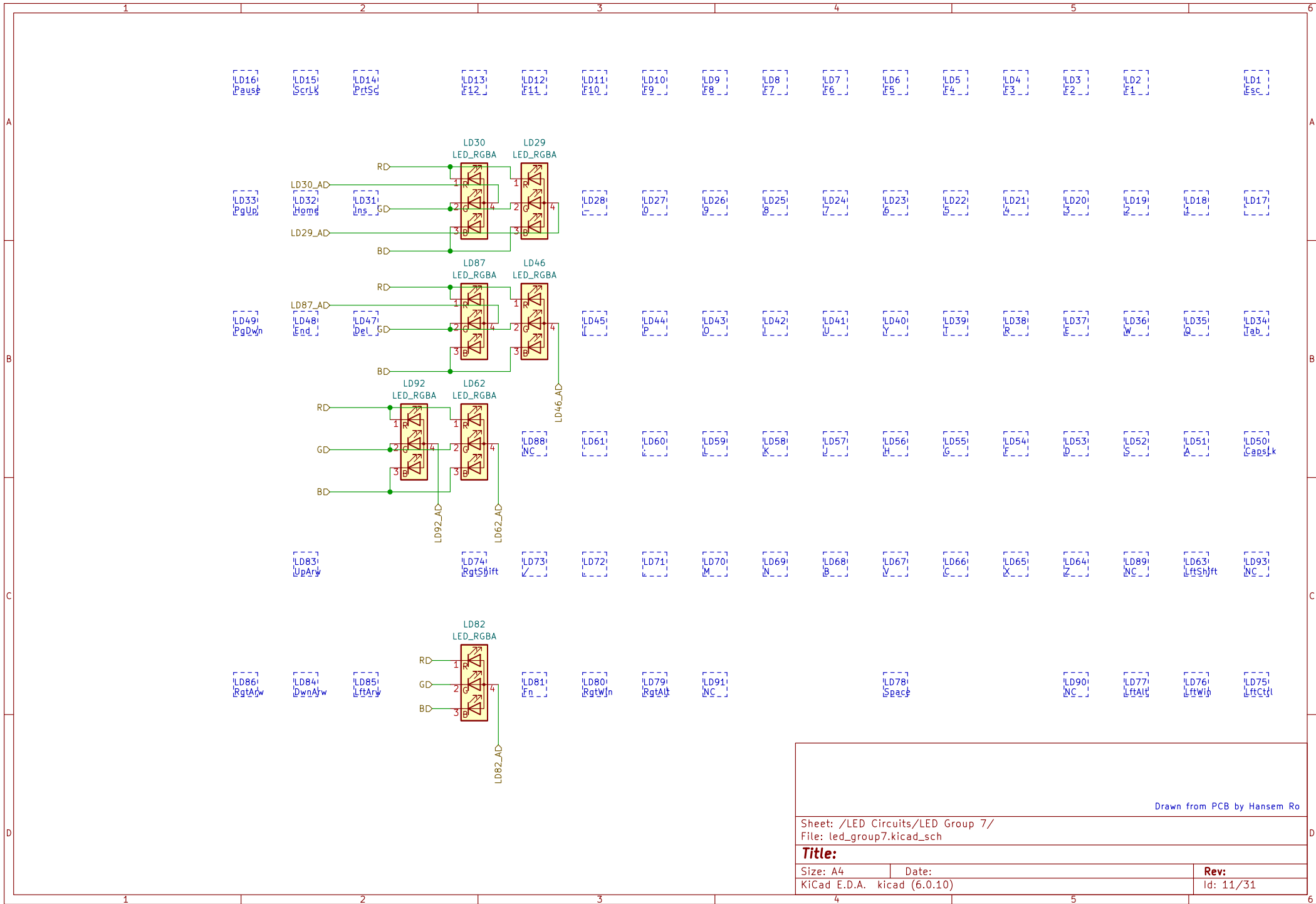
**Title:**

Size: A4  
KiCad E.D.A. kicad (6.0.10)

Date:

Rev:

Id: 10/31



Drawn from PCB by Hansem Ro

Sheet: /LED Circuits/LED Group 7/  
File: led\_group7.kicad\_sch

**Title:**

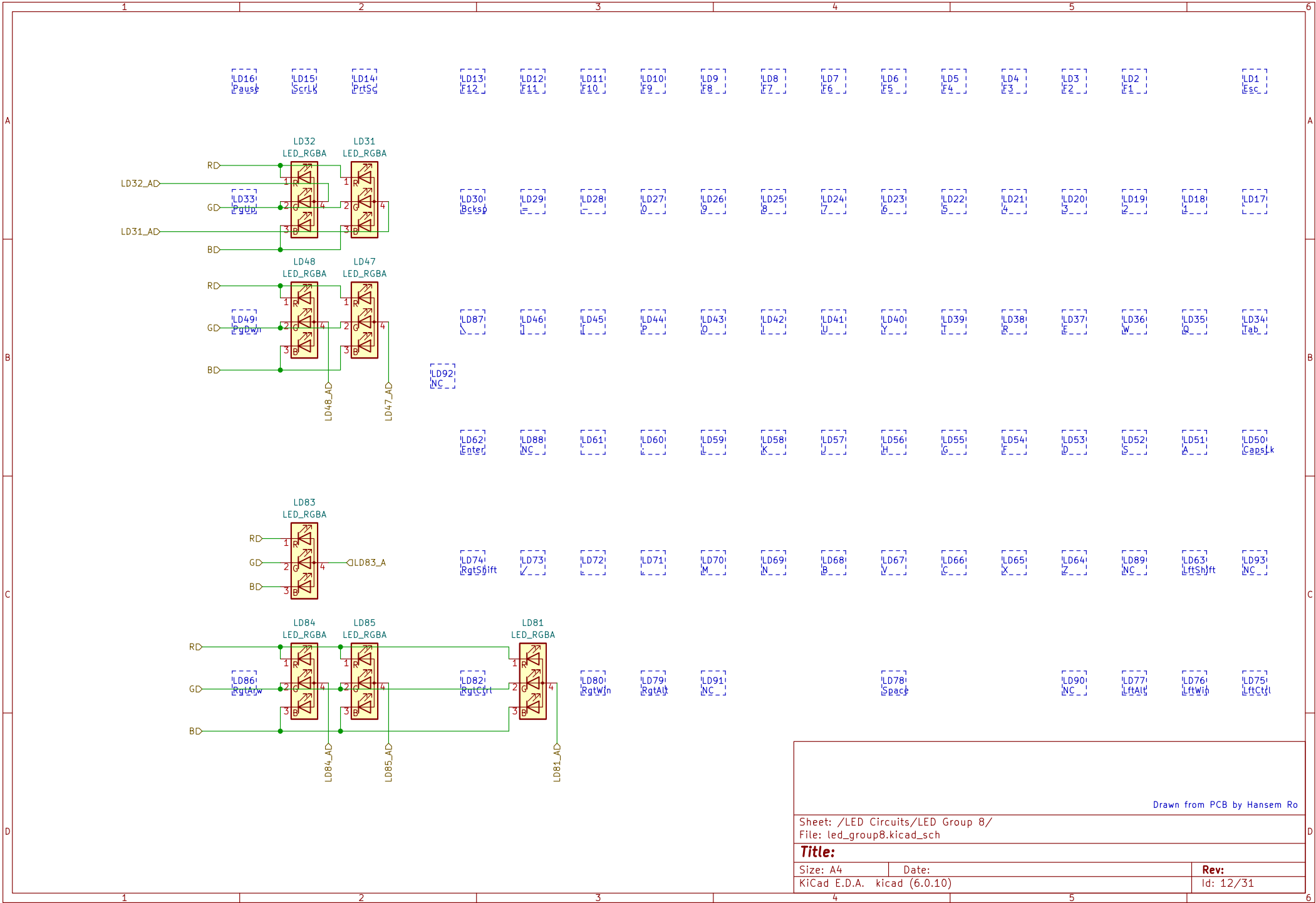
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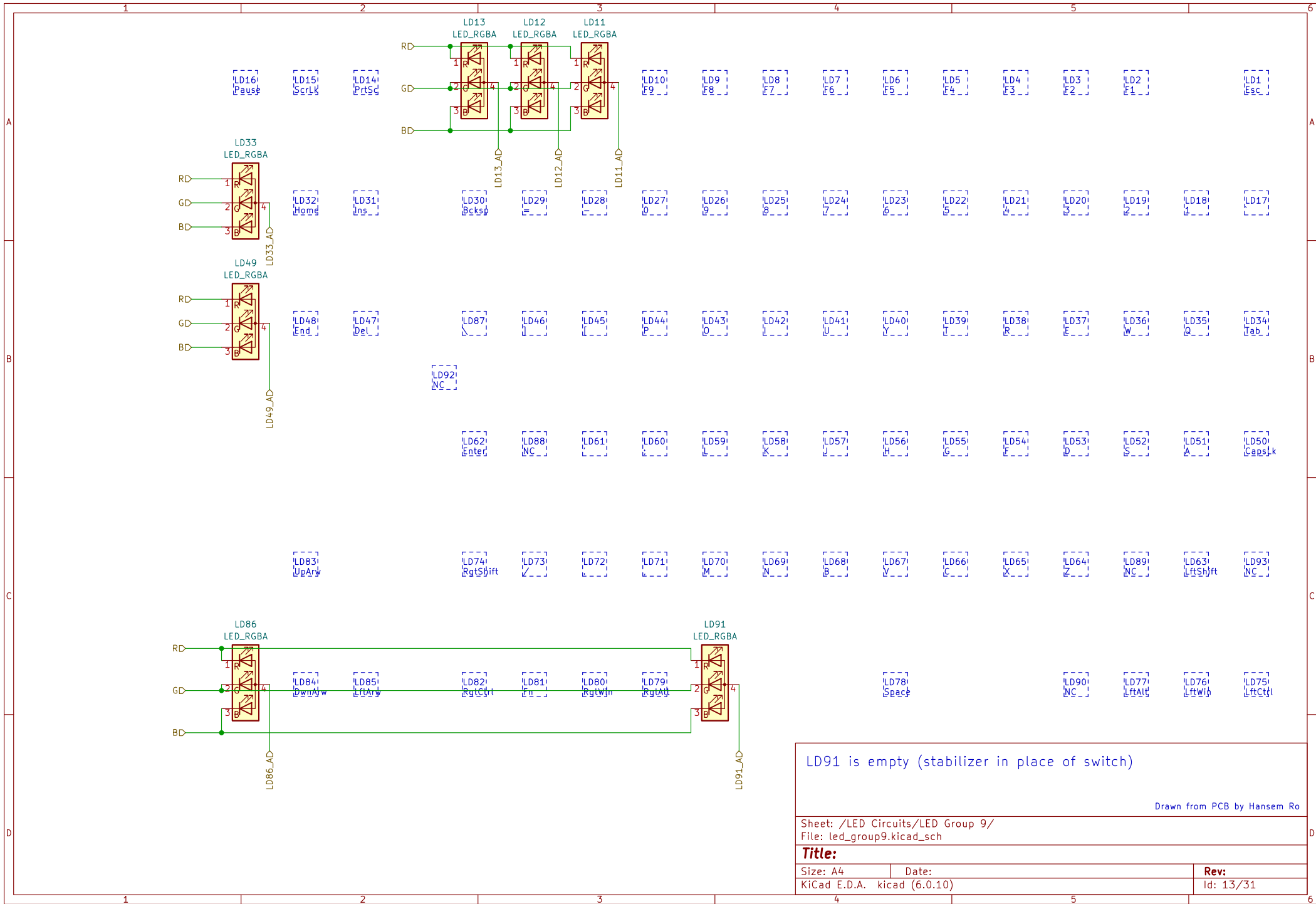
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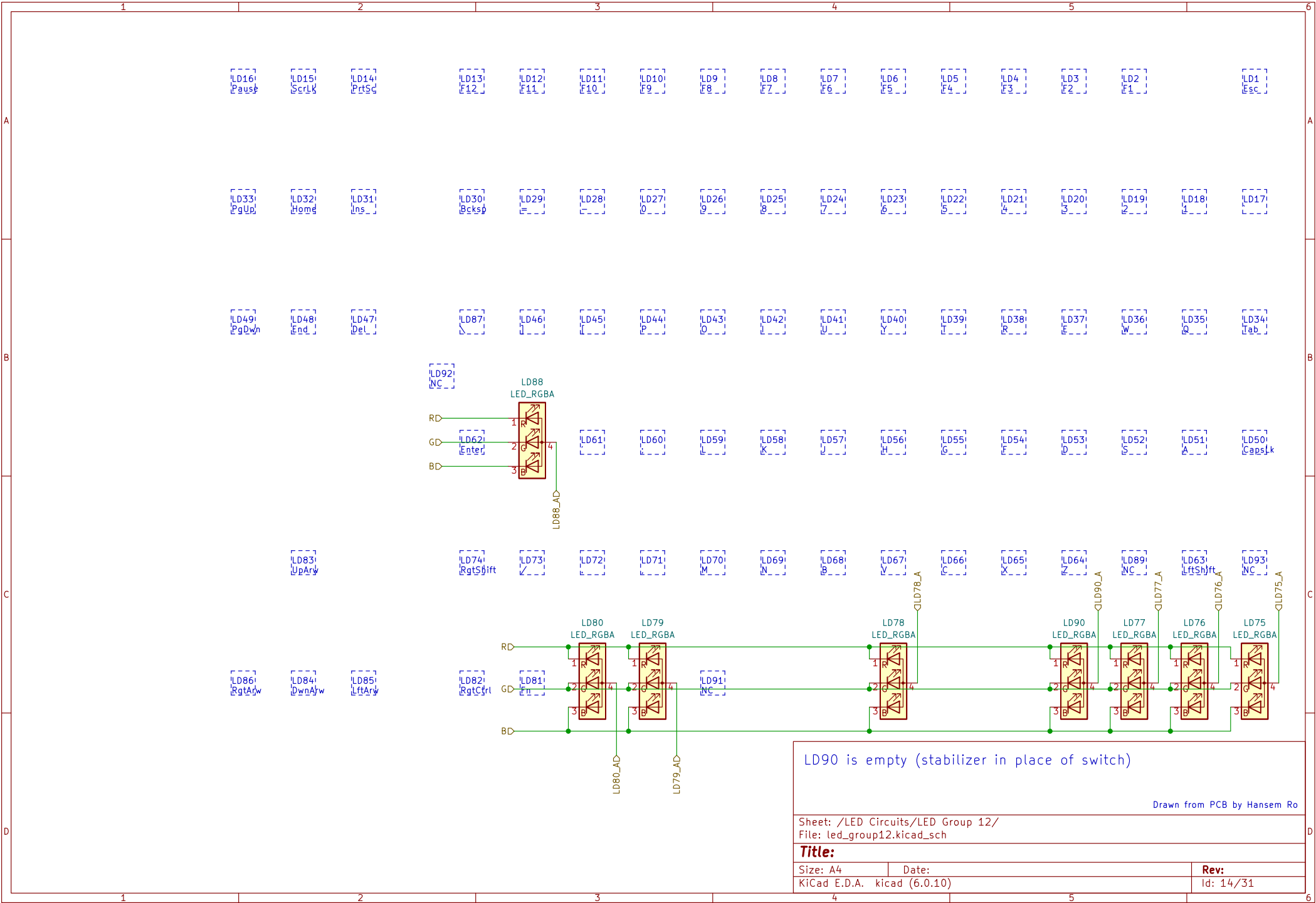
KiCad E.D.A. kicad (6.0.10)

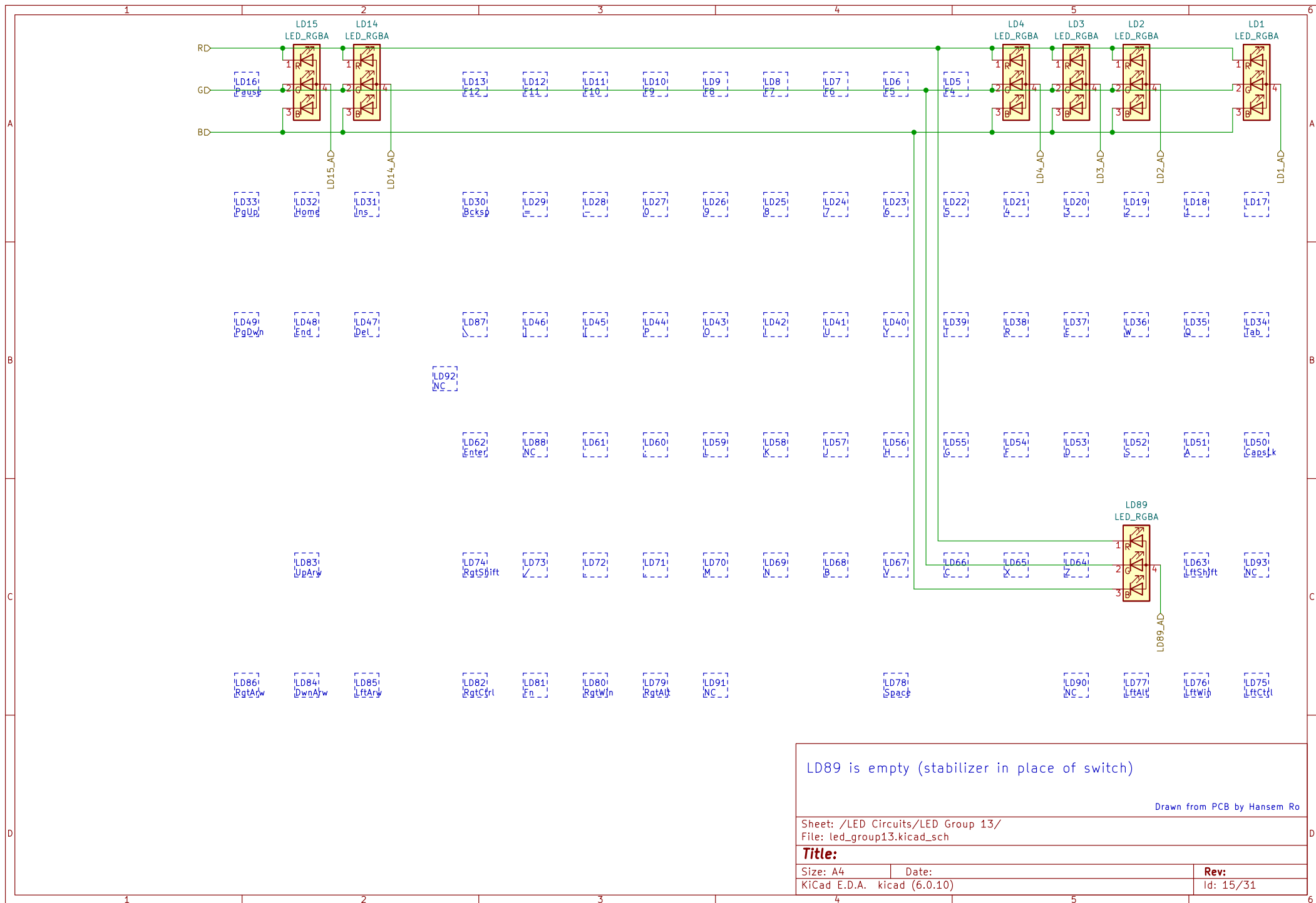
**Rev:**

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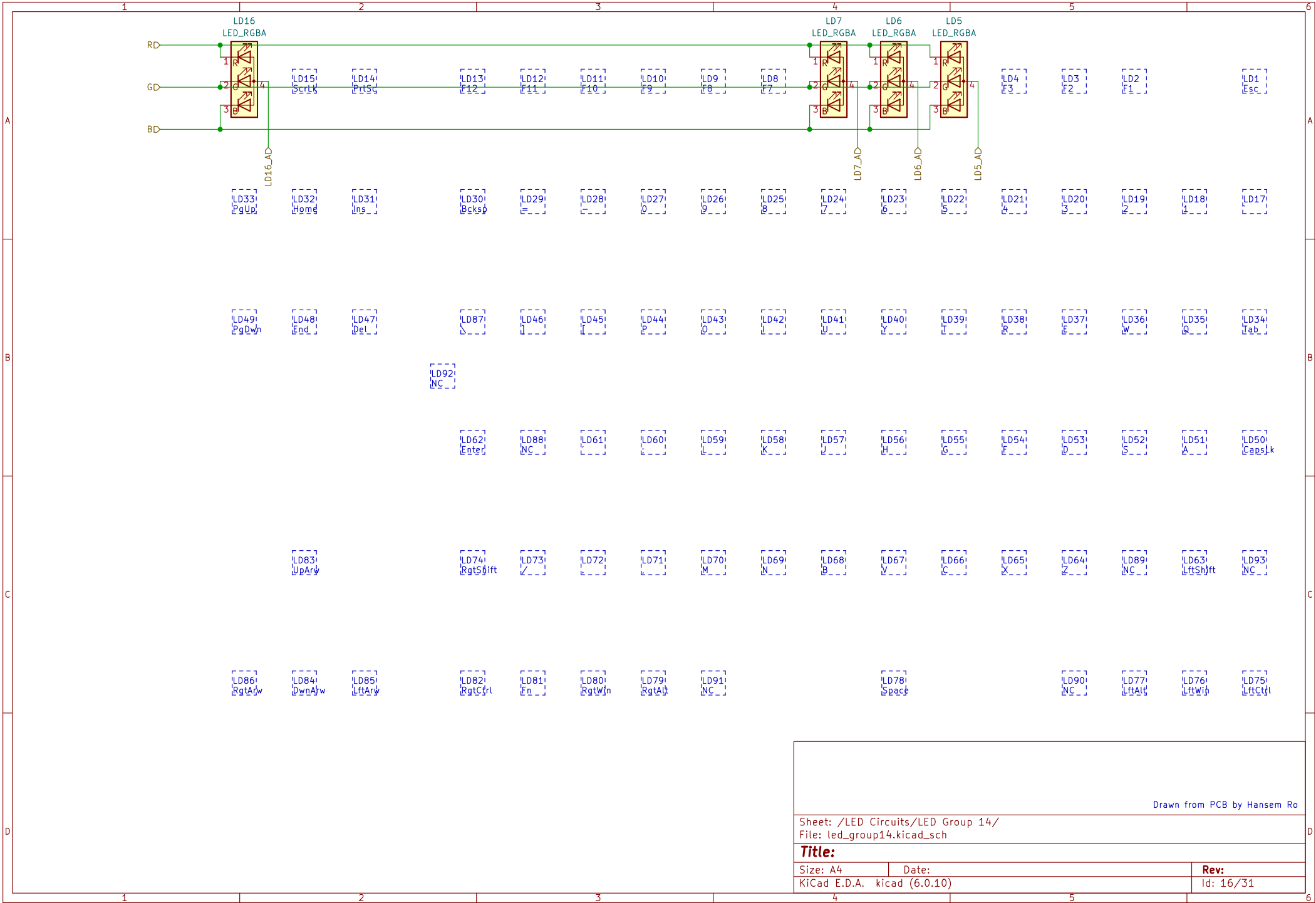
LD89 is empty (stabilizer in place of switch)

Drawn from PCB by Hansem Ro

Sheet: /LED Circuits/LED Group 13/  
File: led\_group13.kicad\_sch

**Title:**

Size: A4	Date:	<b>Rev:</b>
KiCad E.D.A. kicad (6.0.10)		Id: 15/31



Drawn from PCB by Hansem Ro

Sheet: /LED Circuits/LED Group 14/  
File: led\_group14.kicad\_sch

**Title:**

Size: A4

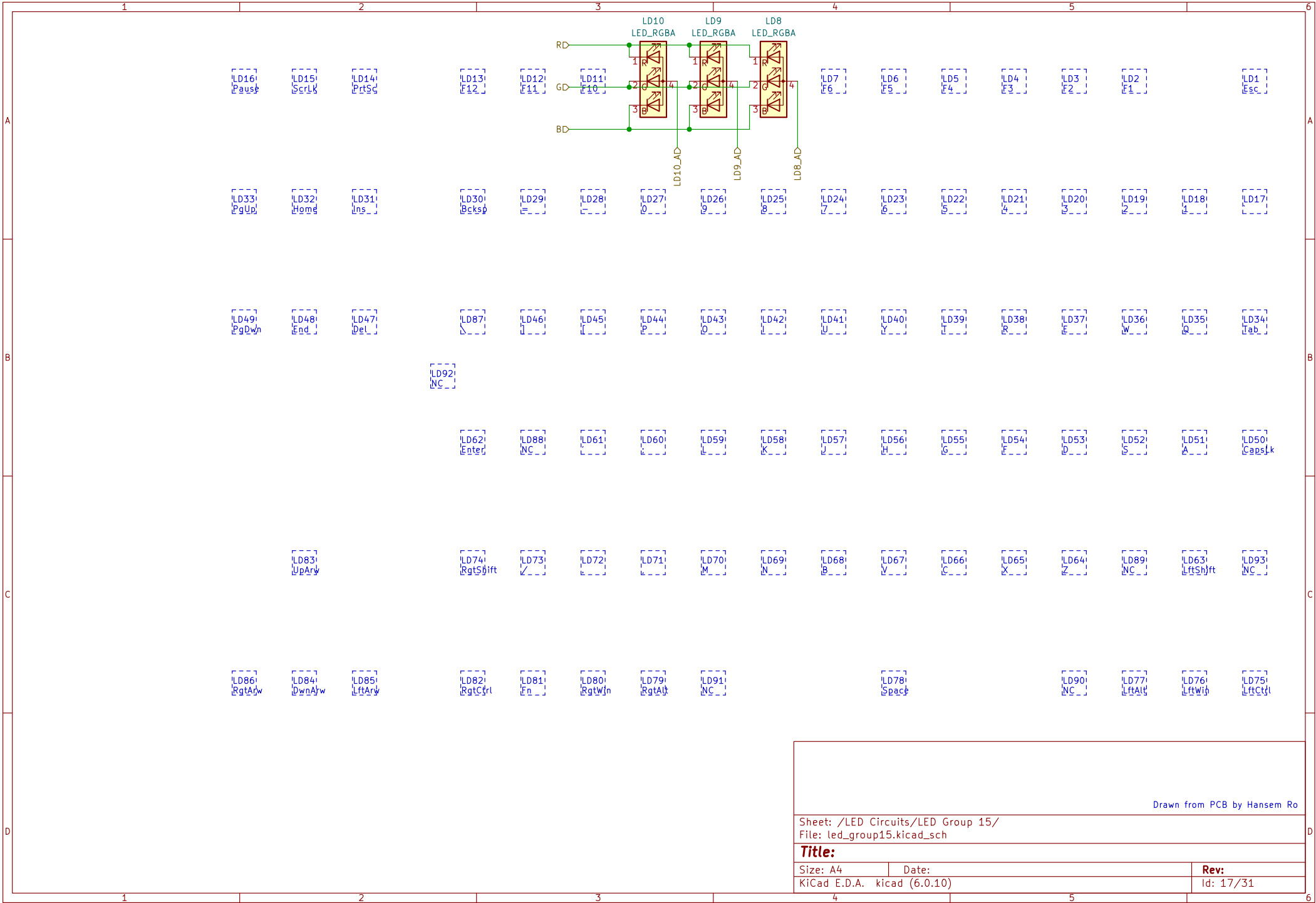
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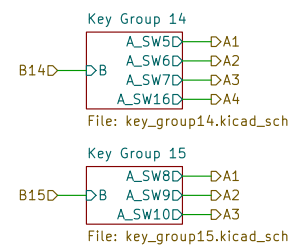
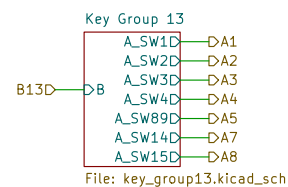
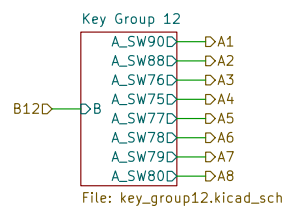
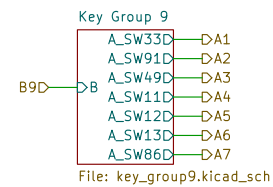
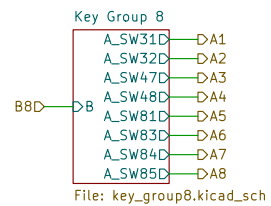
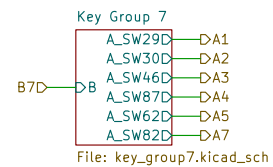
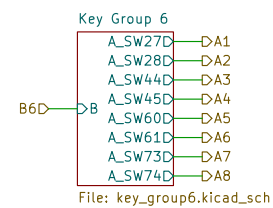
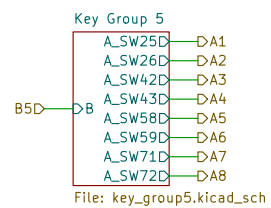
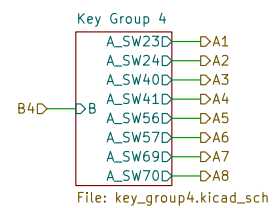
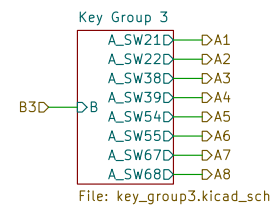
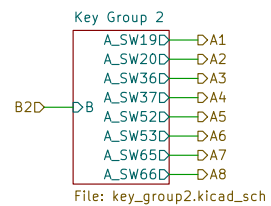
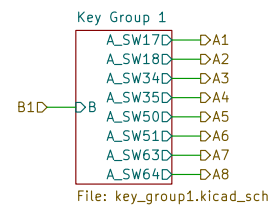
KiCad E.D.A. kicad (6.0.10)

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Unused switch mounts on US Layout:  
SW92, SW88, SW93, SW89, SW90, SW91

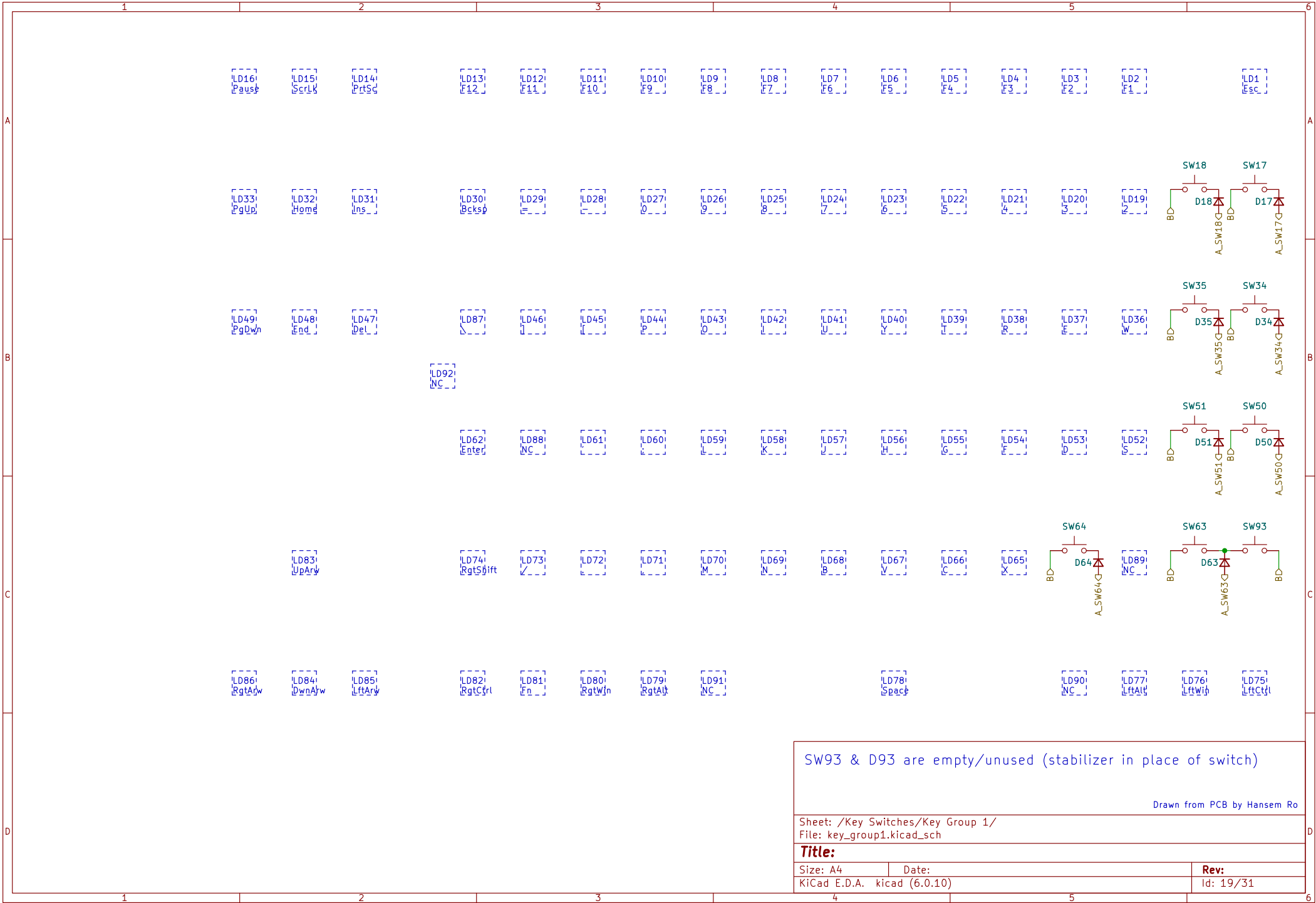
Drawn from PCB by Hansem Ro

Sheet: /Key Switches/  
File: key\_switches.kicad\_sch

**Title:**

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KiCad E.D.A. kicad (6.0.10)	

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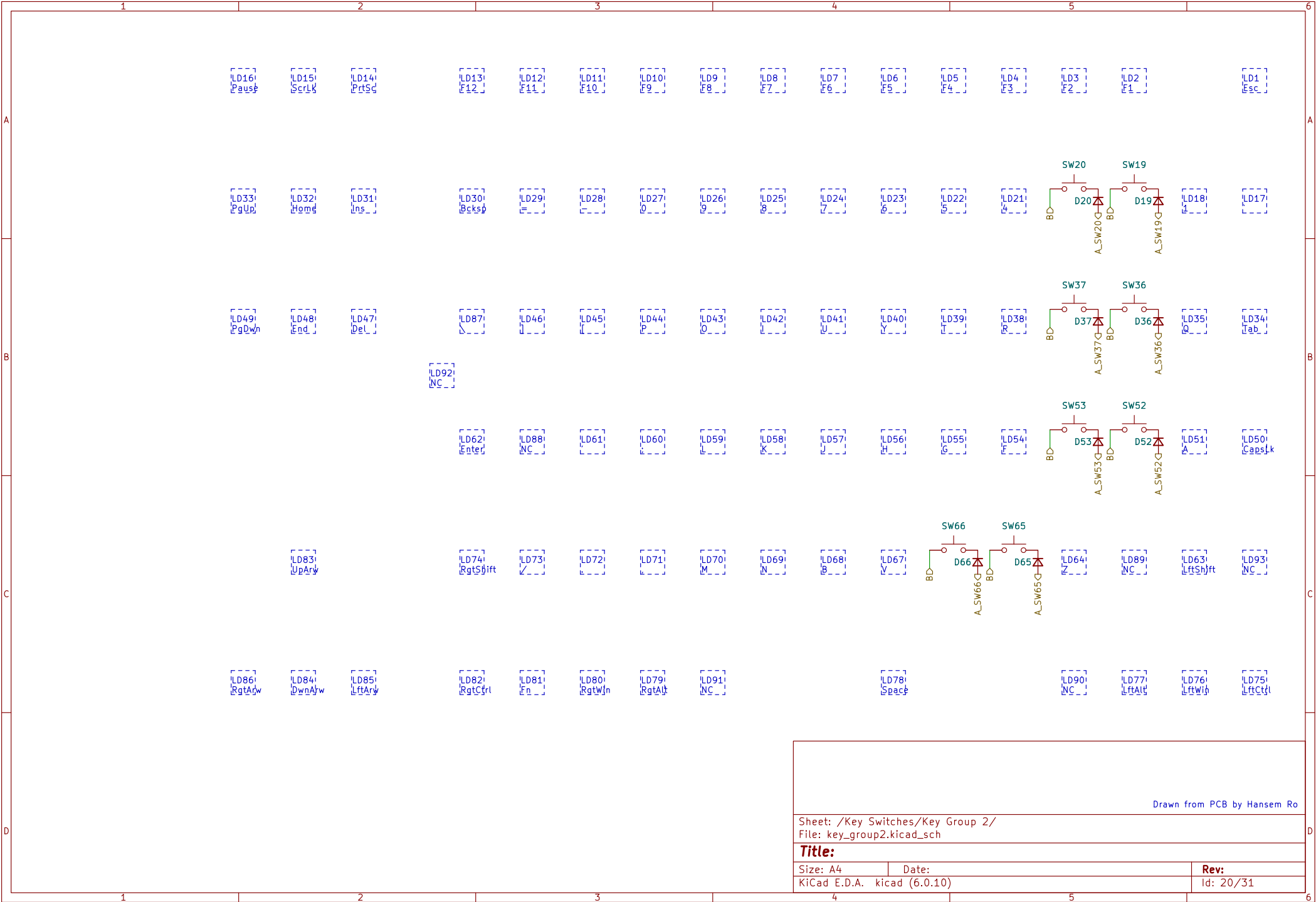


SW93 & D93 are empty/unused (stabilizer in place of switch)

Drawn from PCB by Hansem Ro

Sheet: /Key Switches/Key Group 1/  
File: key\_group1.kicad\_sch

<b>Title:</b>	
Size: A4	Date:
KiCad E.D.A. kicad (6.0.10)	
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Sheet: /Key Switches/Key Group 2/  
File: key\_group2.kicad\_sch

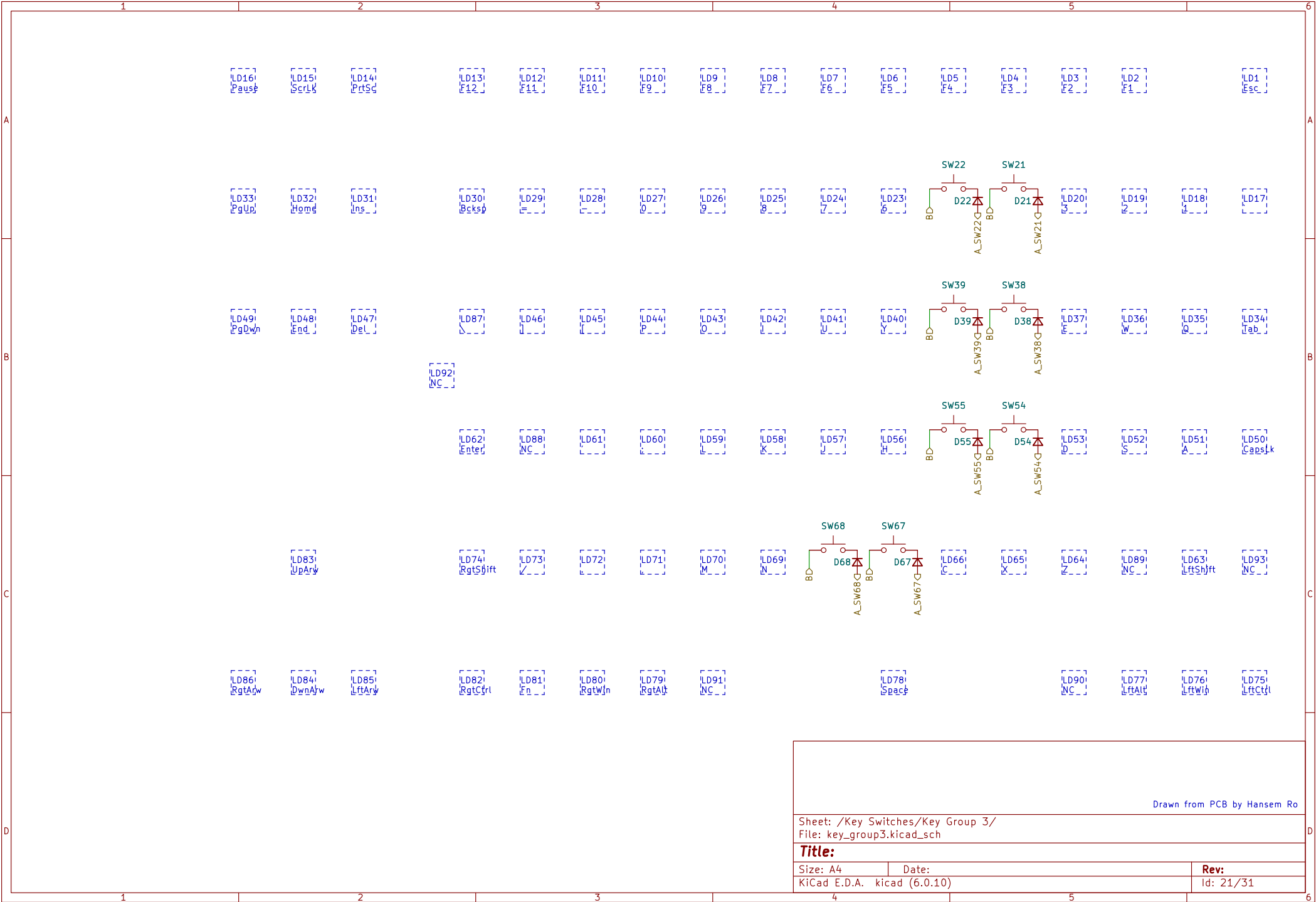
**Title:**

Size: A4  
KiCad E.D.A. kicad (6.0.10)

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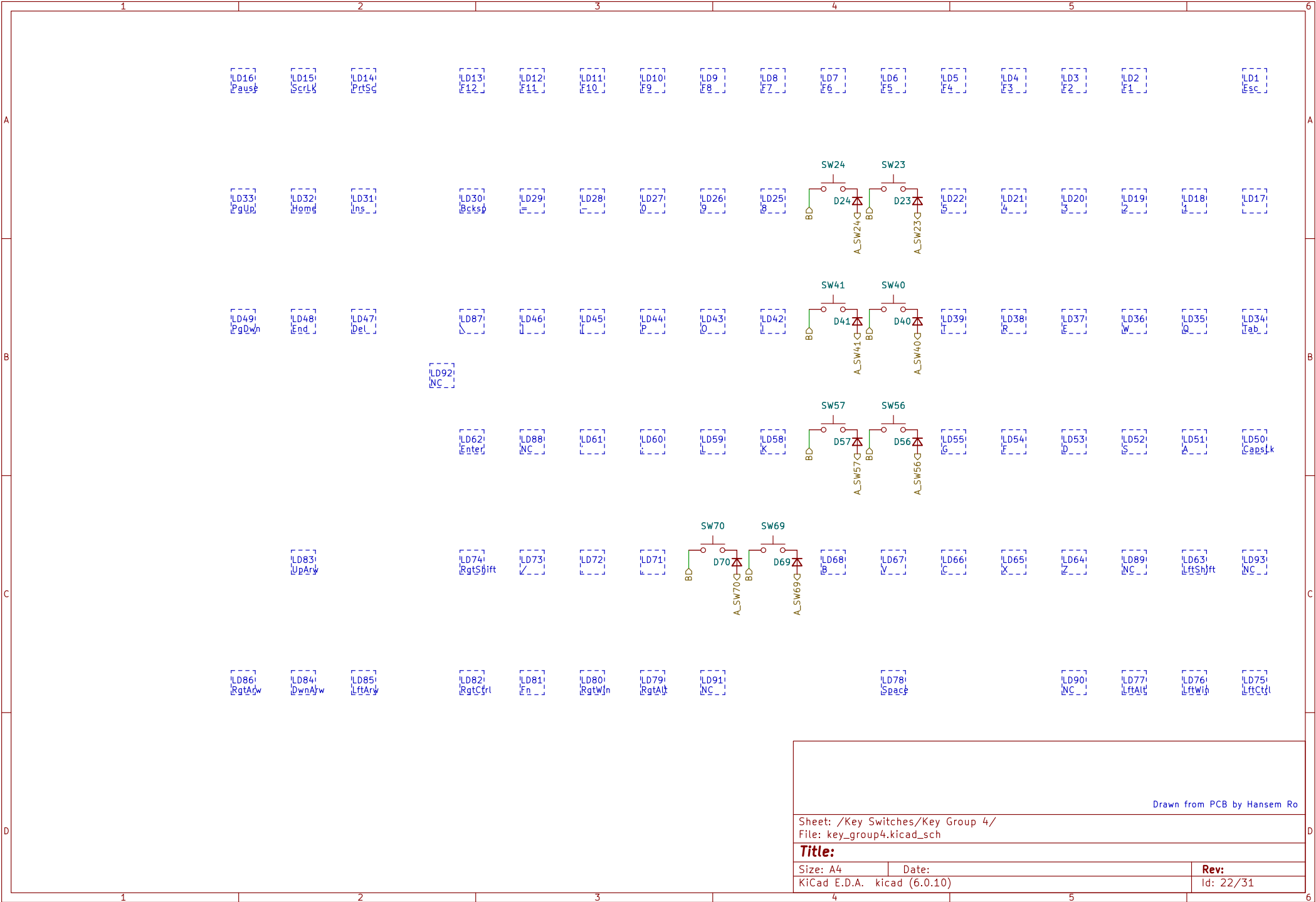


Drawn from PCB by Hansem Ro

Sheet: /Key Switches/Key Group 3/  
File: key\_group3.kicad\_sch

**Title:**

Size: A4	Date:	Rev:
KiCad E.D.A. kicad (6.0.10)		Id: 21/31

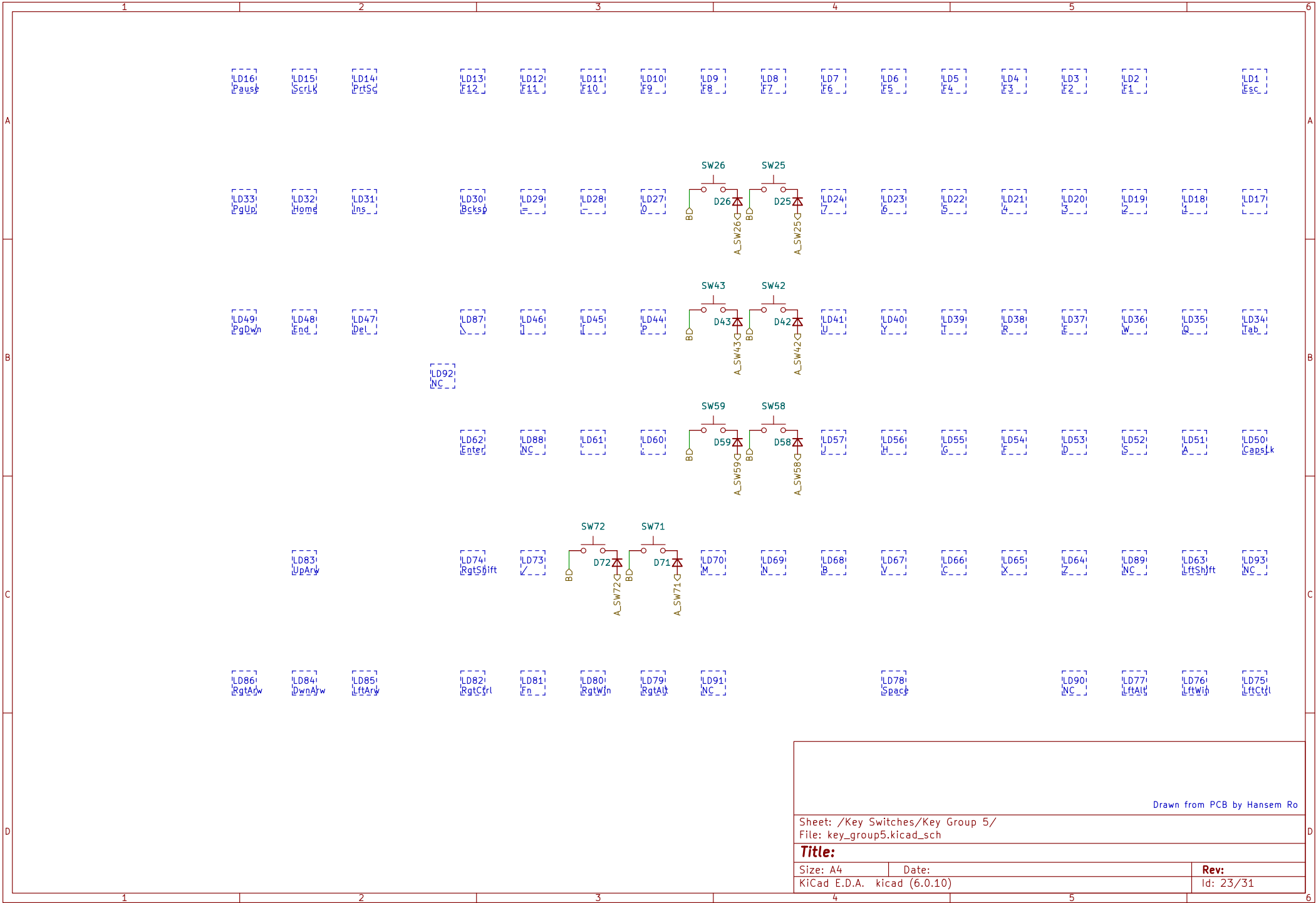


Drawn from PCB by Hansem Ro

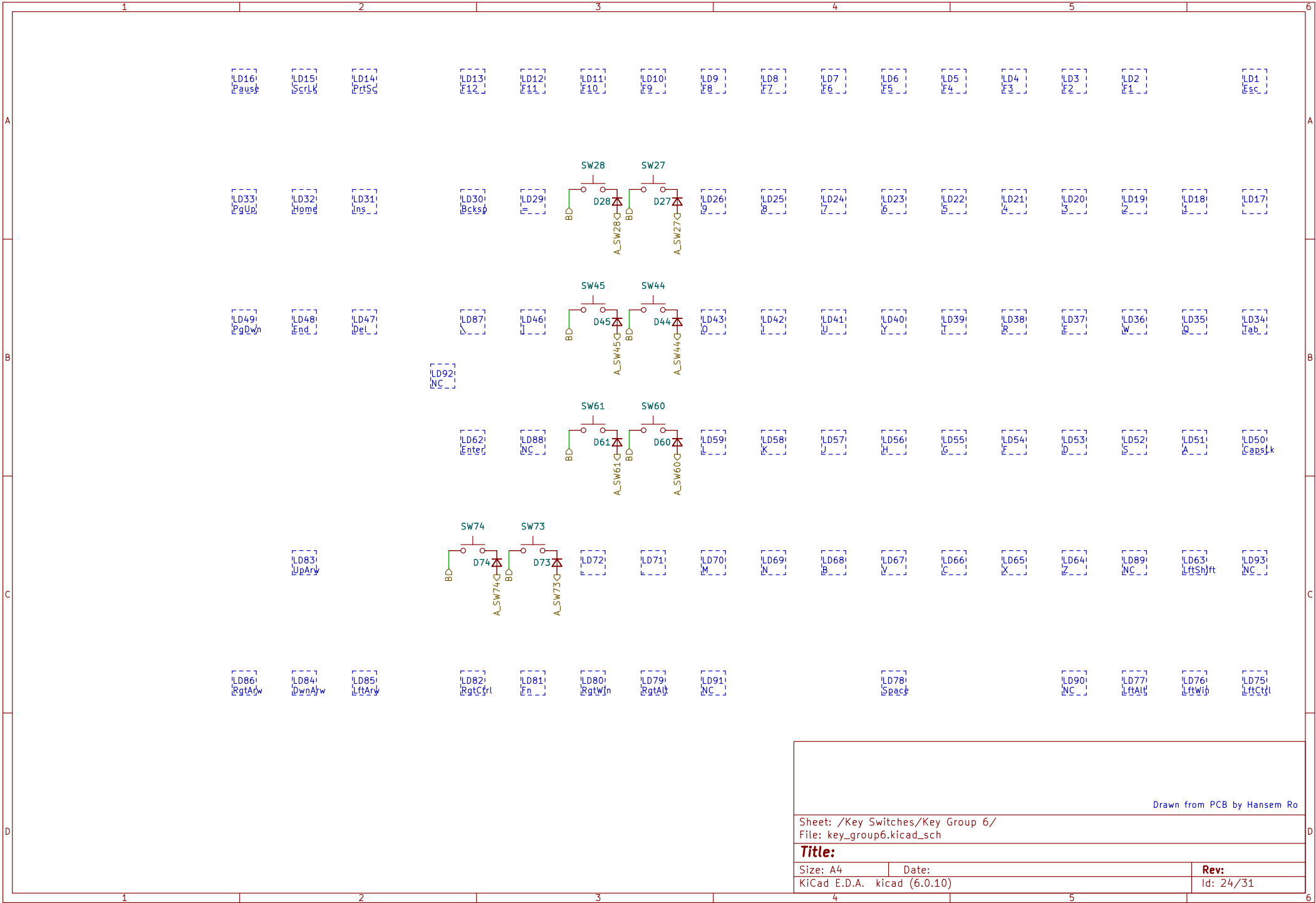
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File: key\_group4.kicad\_sch

**Title:**

Size: A4	Date:	Rev:
KiCad E.D.A. kicad (6.0.10)		Id: 22/31



Sheet: /Key Switches/Key Group 5/ File: key_group5.kicad_sch		
Title:		
Size: A4	Date:	Rev:
KiCad E.D.A. kicad (6.0.10)		Id: 23/31



Drawn from PCB by Hansem Ro

Sheet: /Key Switches/Key Group 6/  
File: key\_group6.kicad\_sch

**Title:**

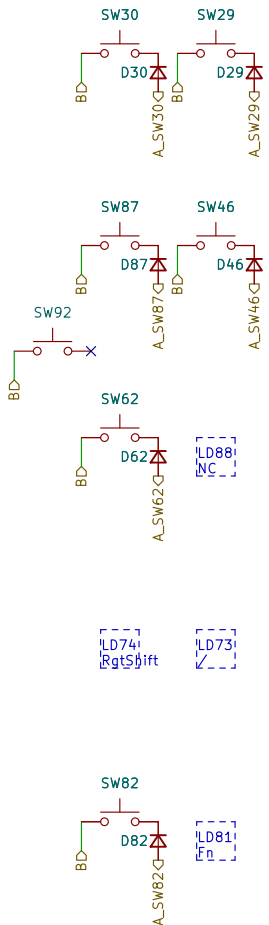
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KiCad E.D.A. kicad (6.0.10)

Date:

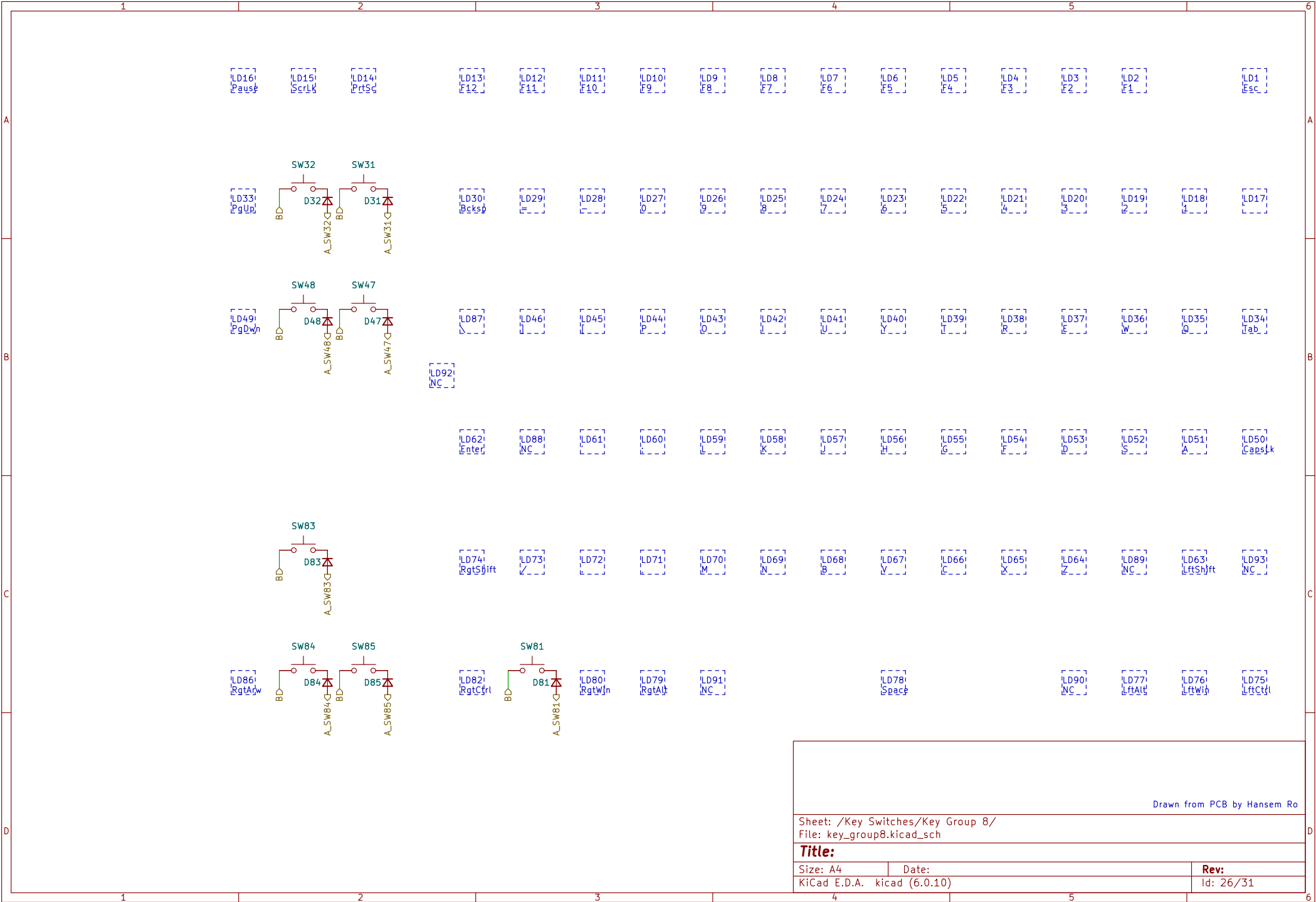
Rev:

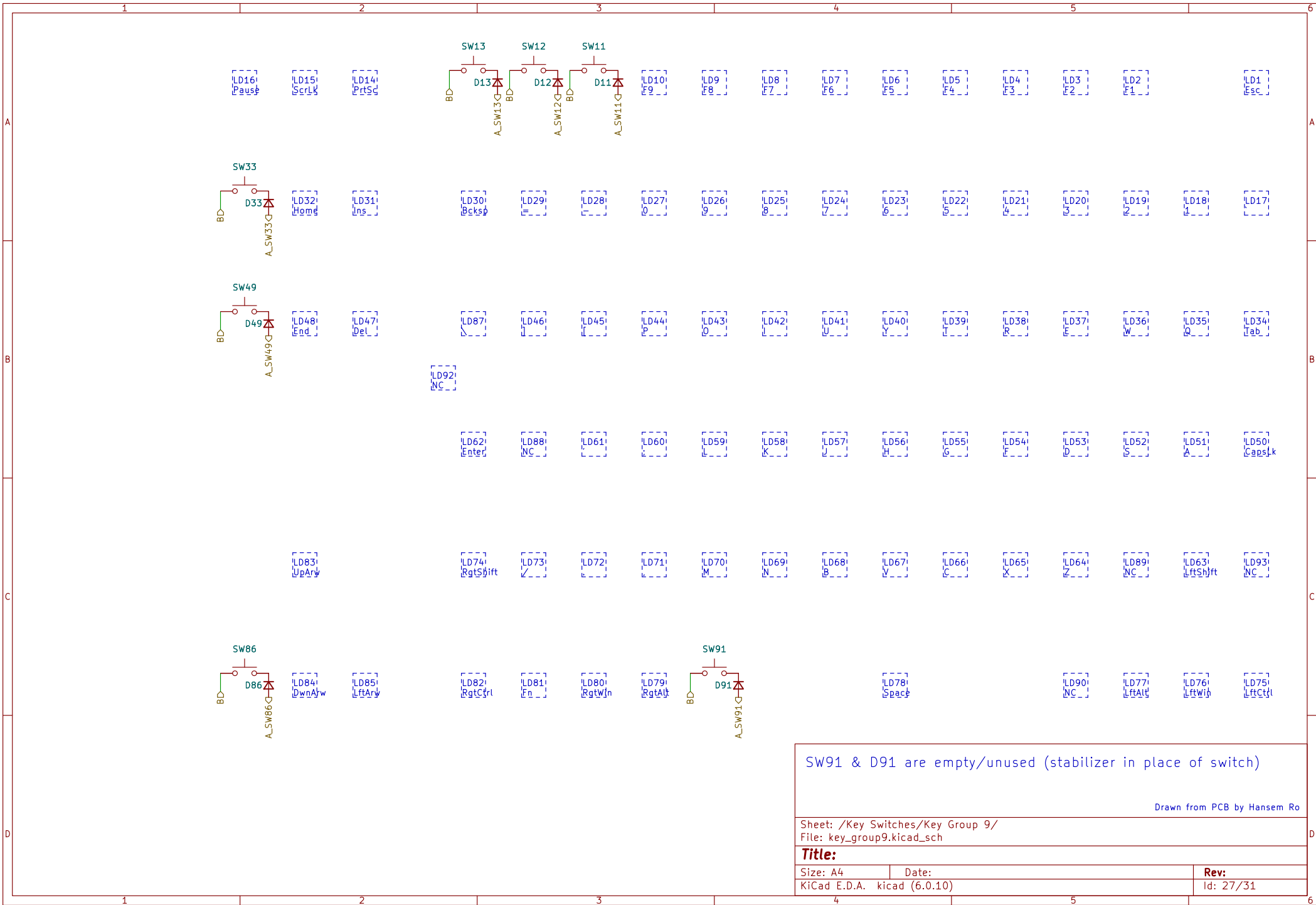
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Id: 25/31



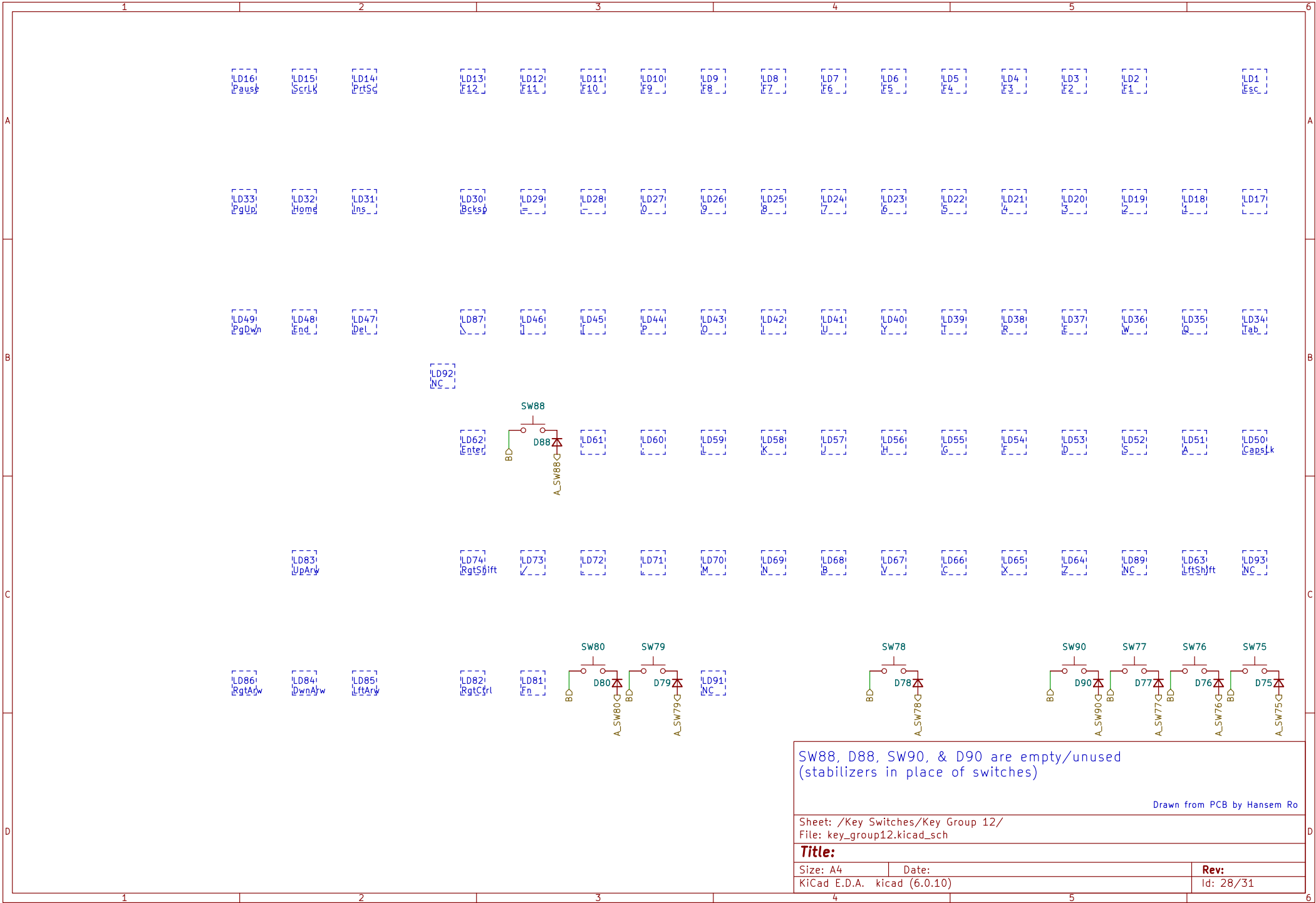


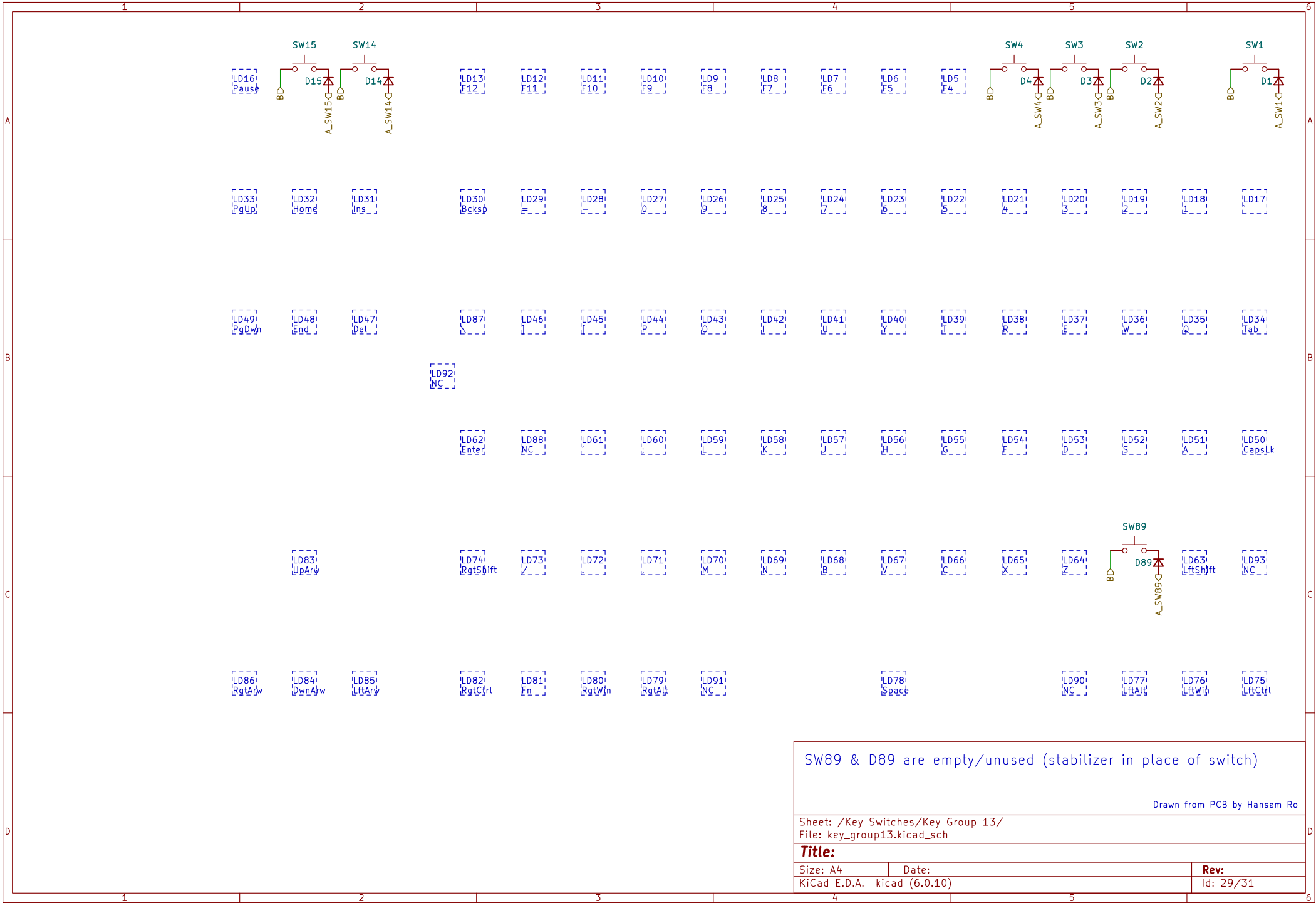
SW91 & D91 are empty/unused (stabilizer in place of switch)

Drawn from PCB by Hansem Ro

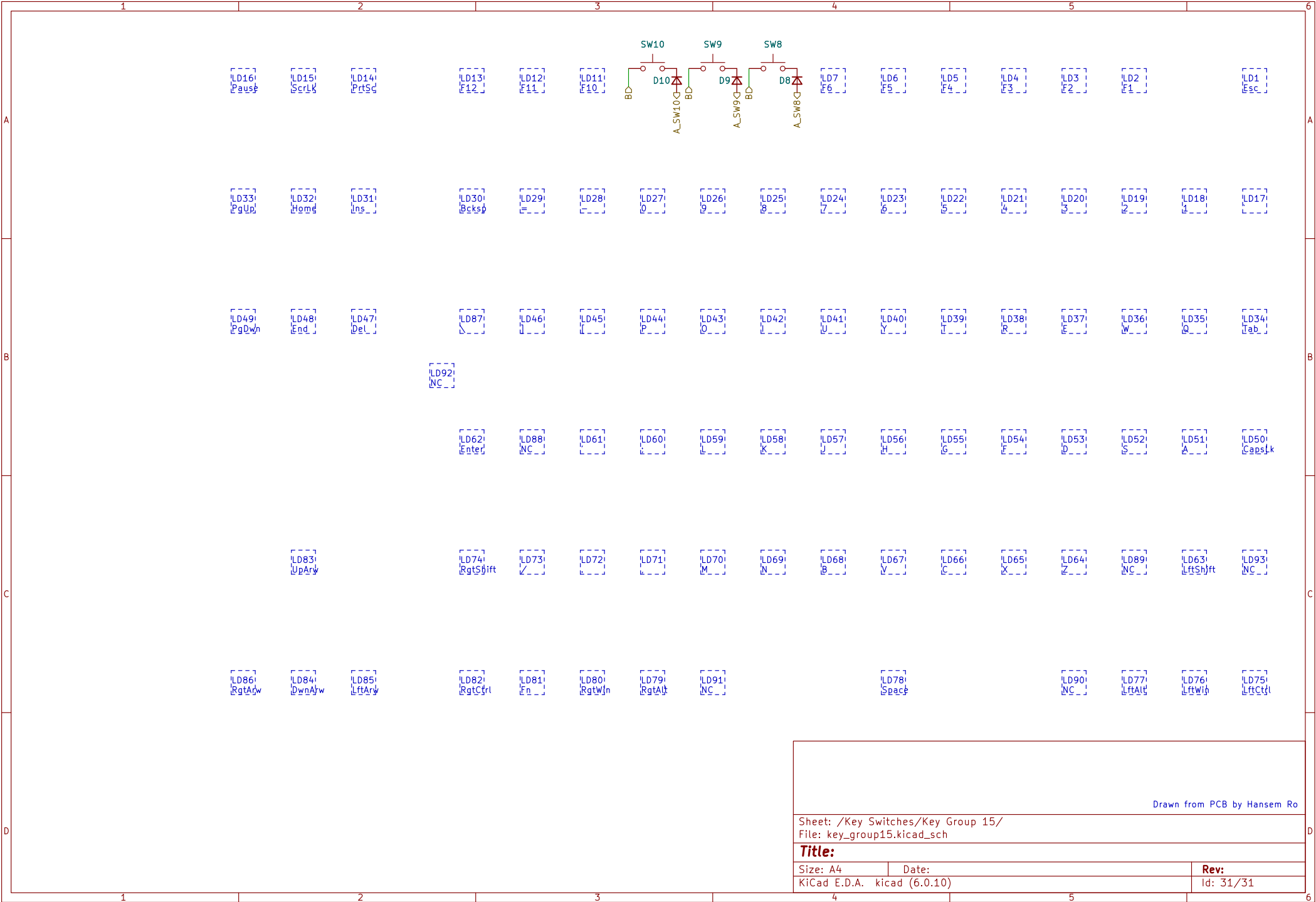
Sheet: /Key Switches/Key Group 9/  
File: key\_group9.kicad\_sch

Title:	
Size: A4	Date:
KiCad E.D.A. kicad (6.0.10)	Rev: Id: 27/31









Drawn from PCB by Hansem Ro

Sheet: /Key Switches/Key Group 15/  
File: key\_group15.kicad\_sch

**Title:**

Size: A4

Date:

KiCad E.D.A. kicad (6.0.10)

**Rev:**

Id: 31/31