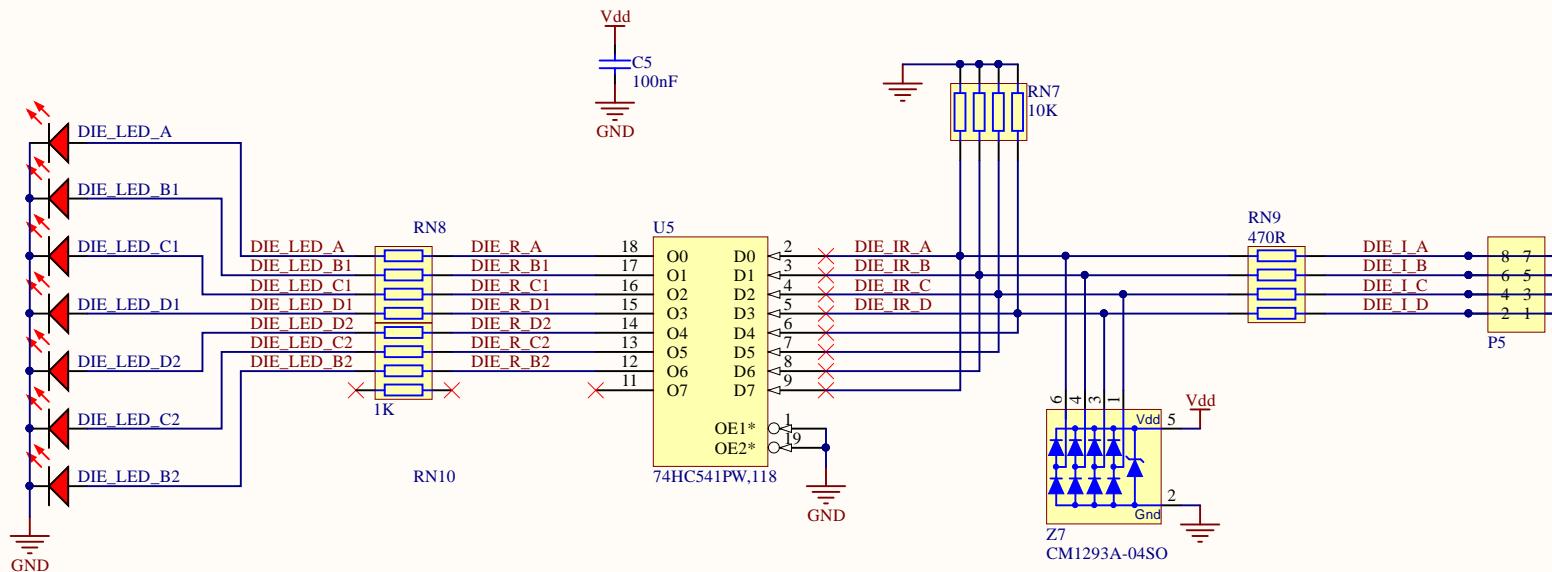


A

A



B

B

C

C

1

2

3

4

Title DigitalLabBoard_Die.SchDoc		
Size A4	Number	Revision 4.0
Date: 15/01/2020	Sheet	of
File: C:\Users\...\DigitalLabBoard_Die.SchDoc	Drawn By:	

A

B

C

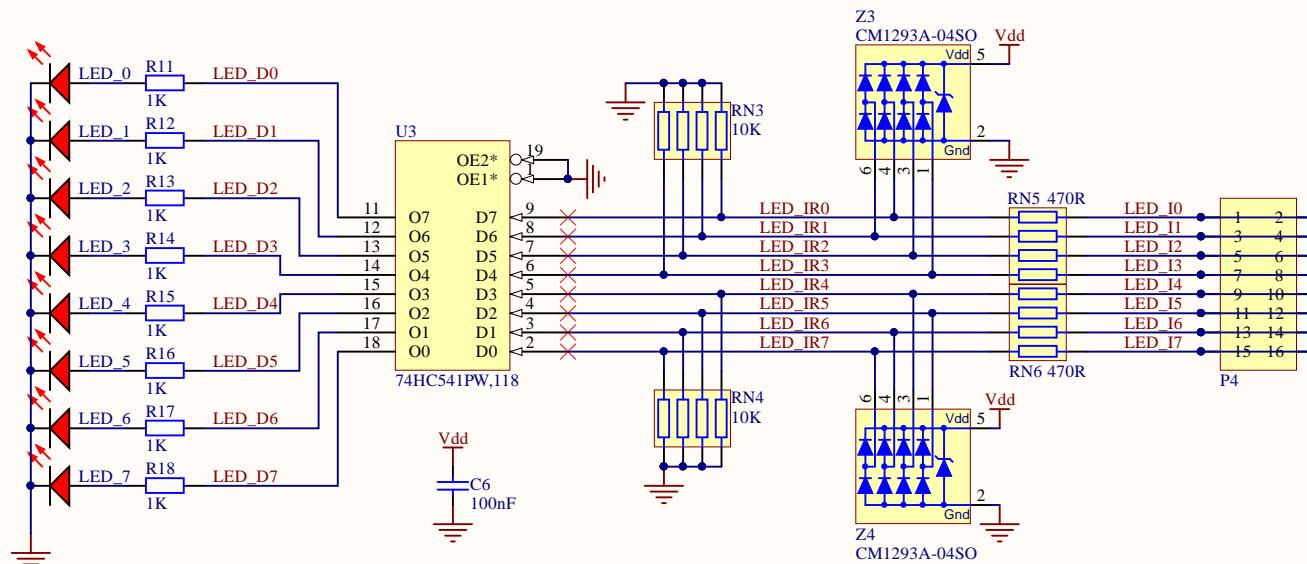
D

A

B

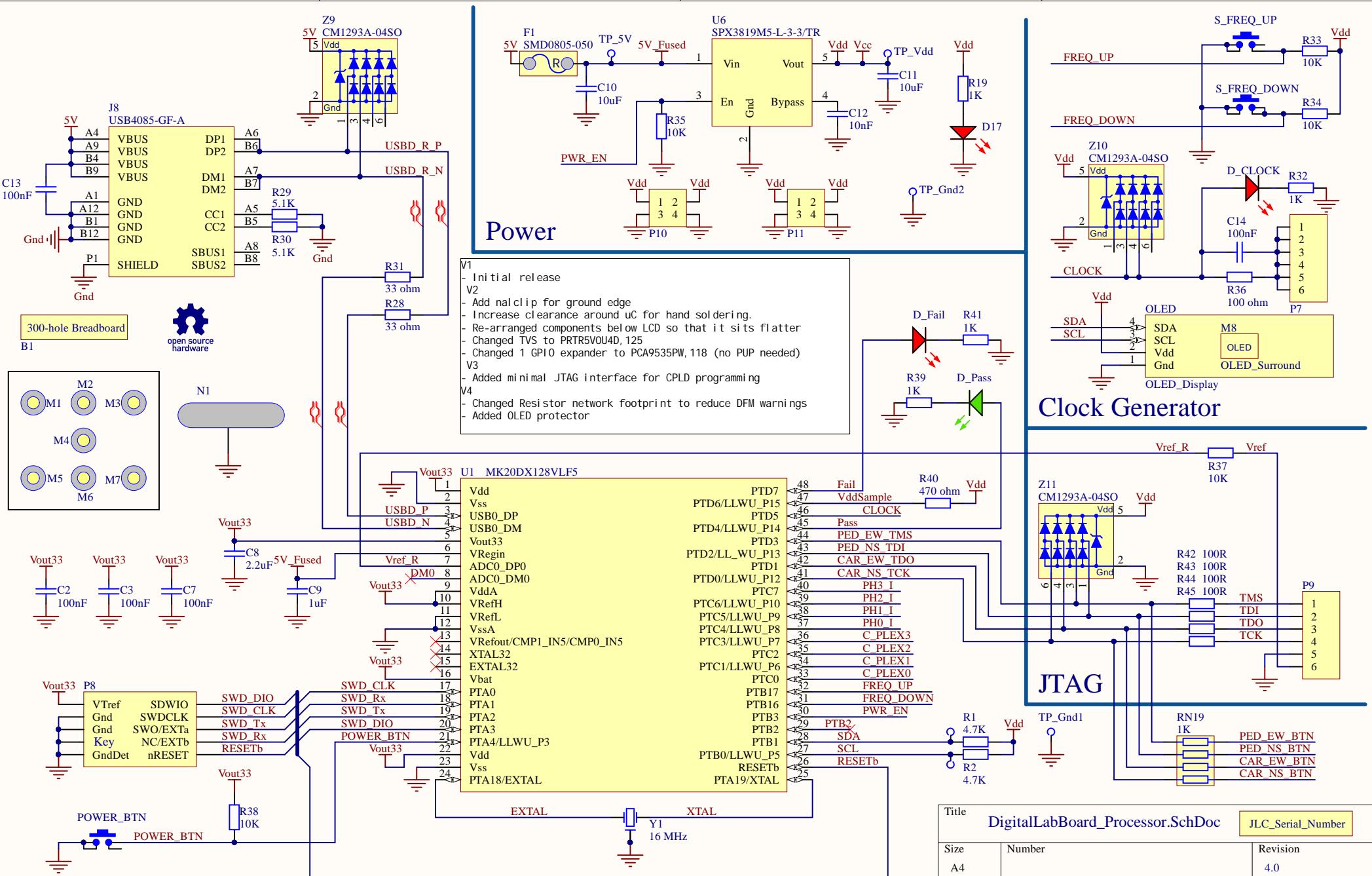
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D



Title: DigitalLabBoard\_LEDs.SchDoc

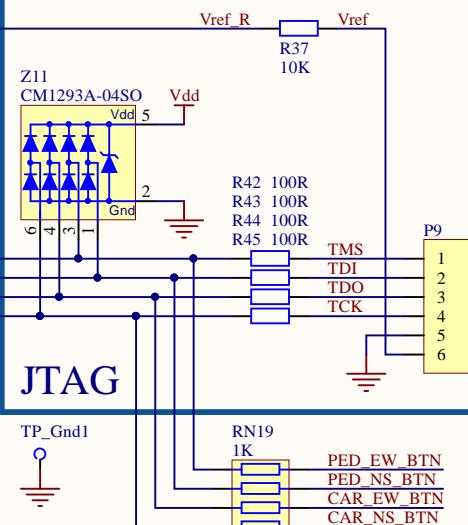
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open source  
hardware

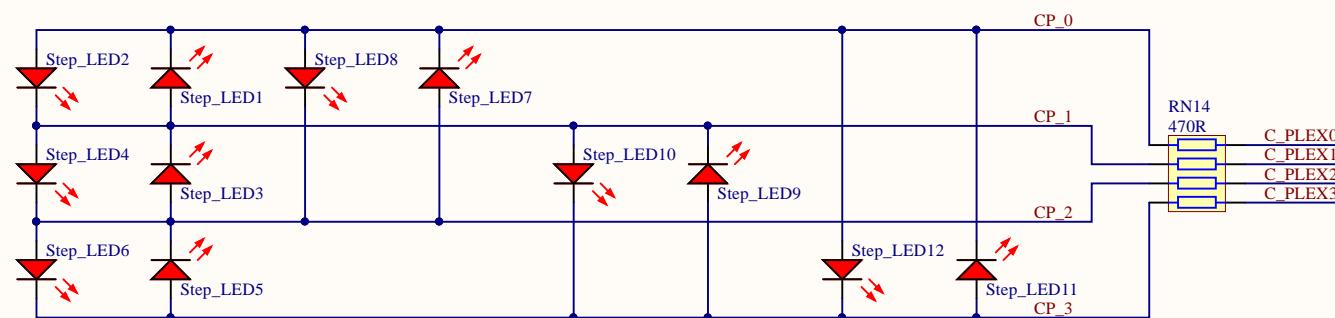
## Power

## Clock Generator

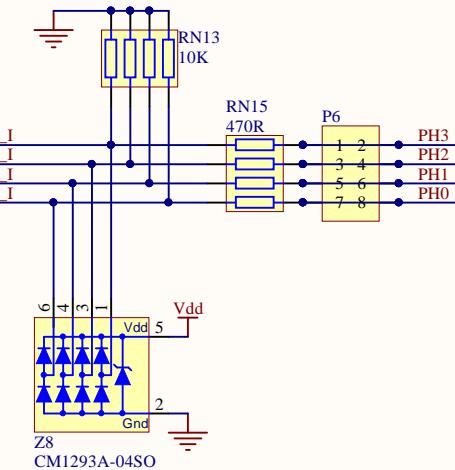


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Size	Number	Revision	
A4		4.0	
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File:	C:\Users\...\DigitalLabBoard_Processor.SchDoc	Download By:	

A



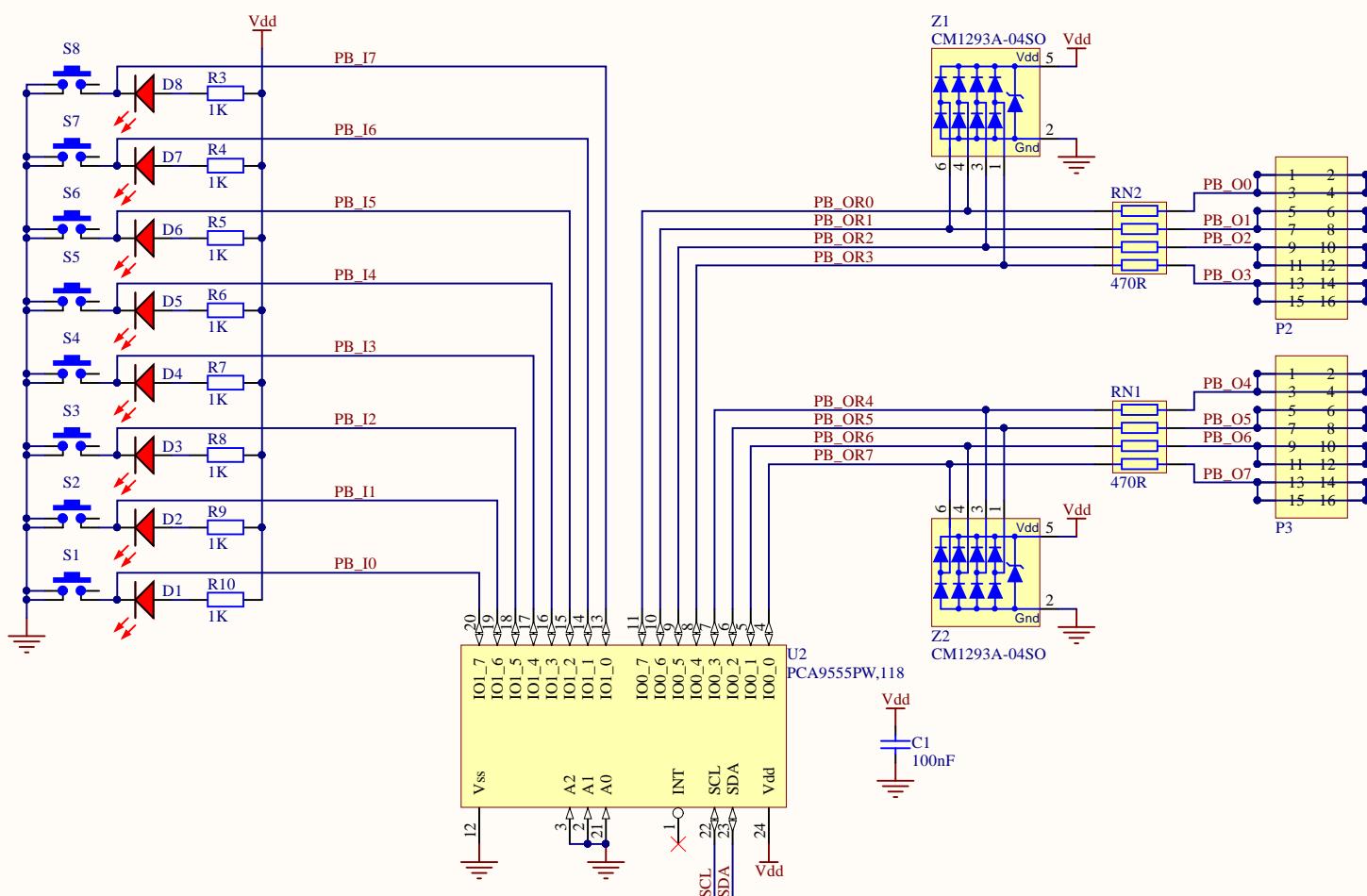
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C

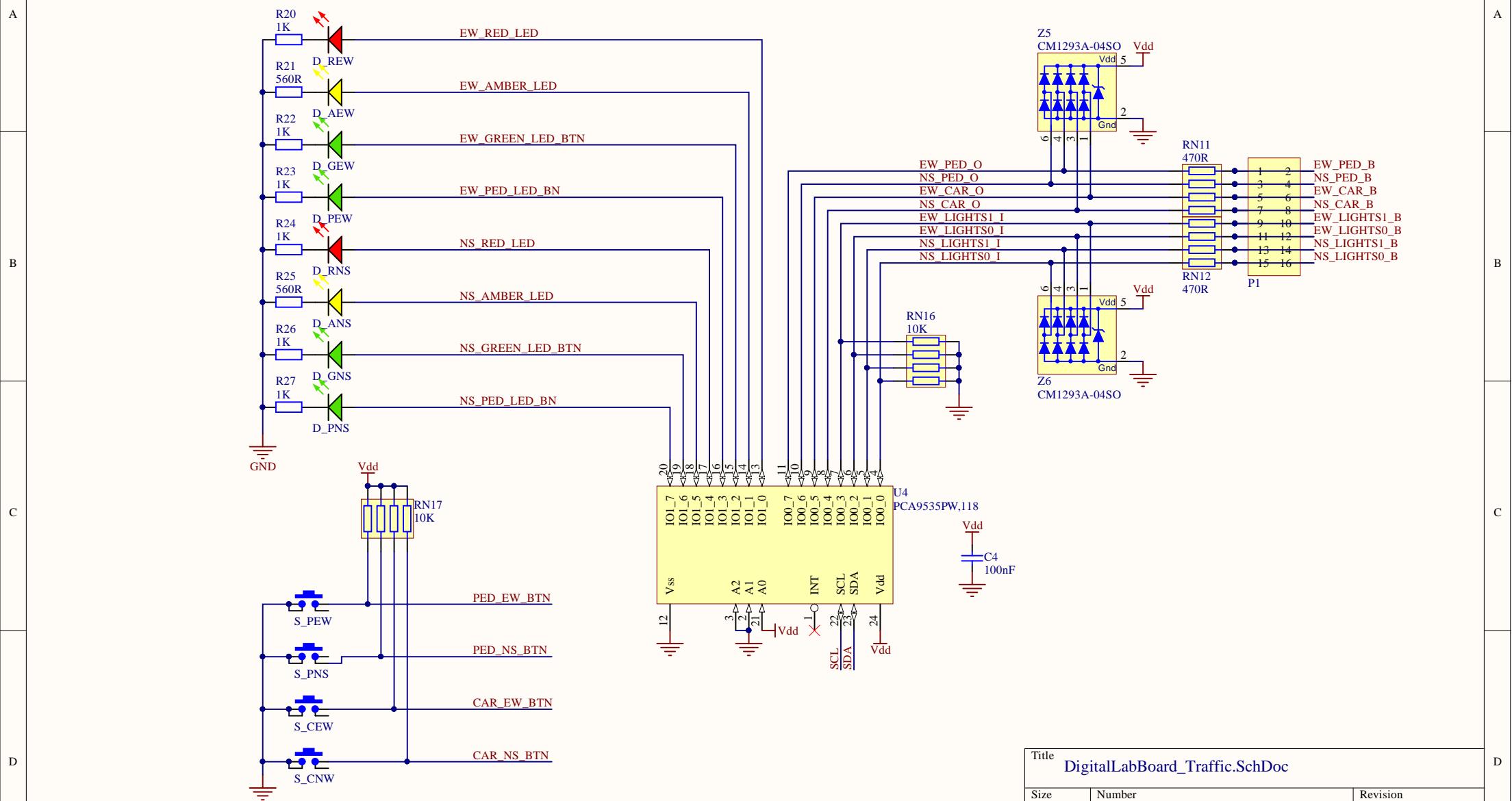
D

Title DigitalLabBoard_Stepper.SchDoc		
Size A4	Number	Revision 4.0
Date: 15/01/2020	Sheet	of
File: C:\Users\...\DigitalLabBoard_Stepper.SchDoc	Drawn By:	



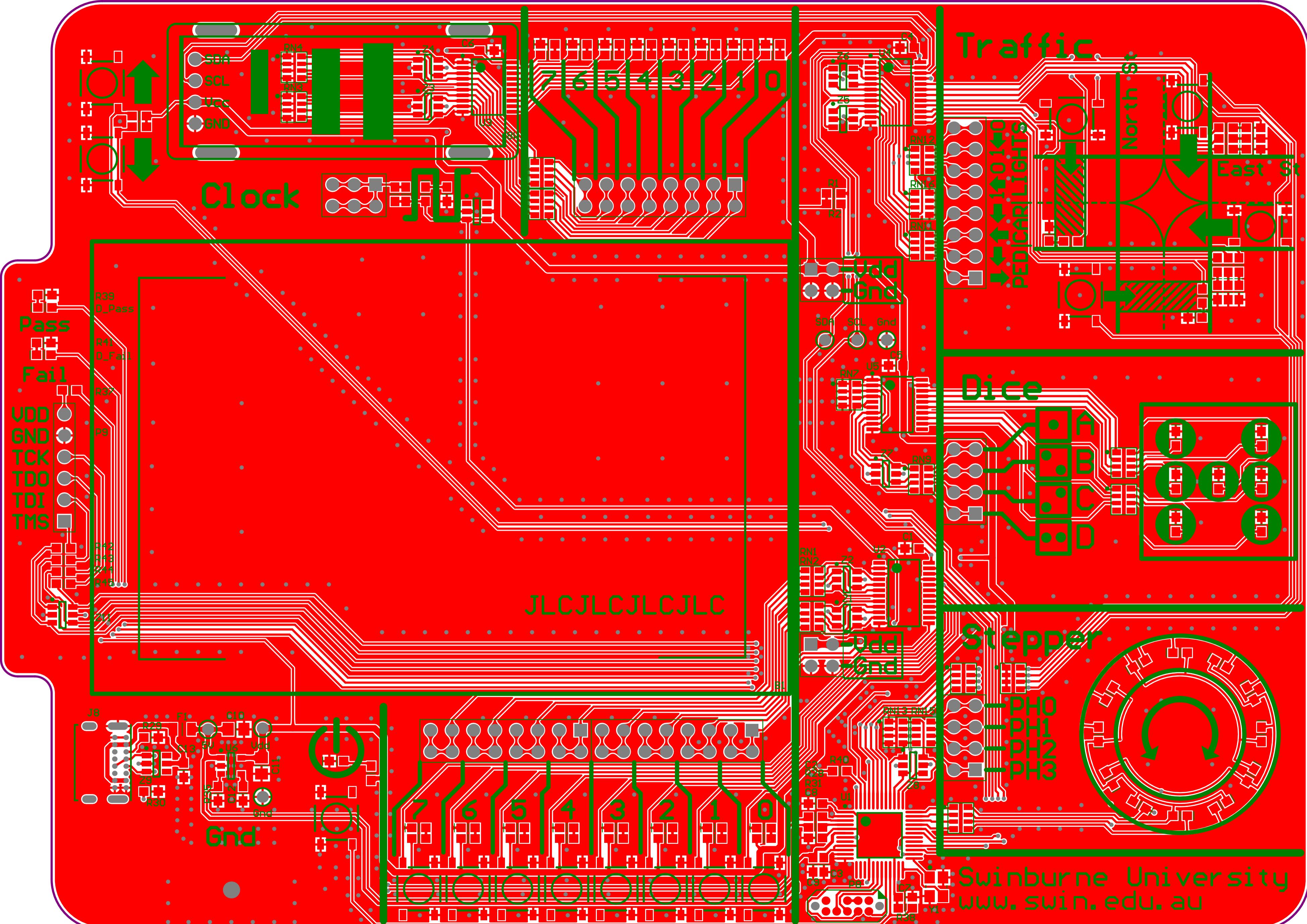
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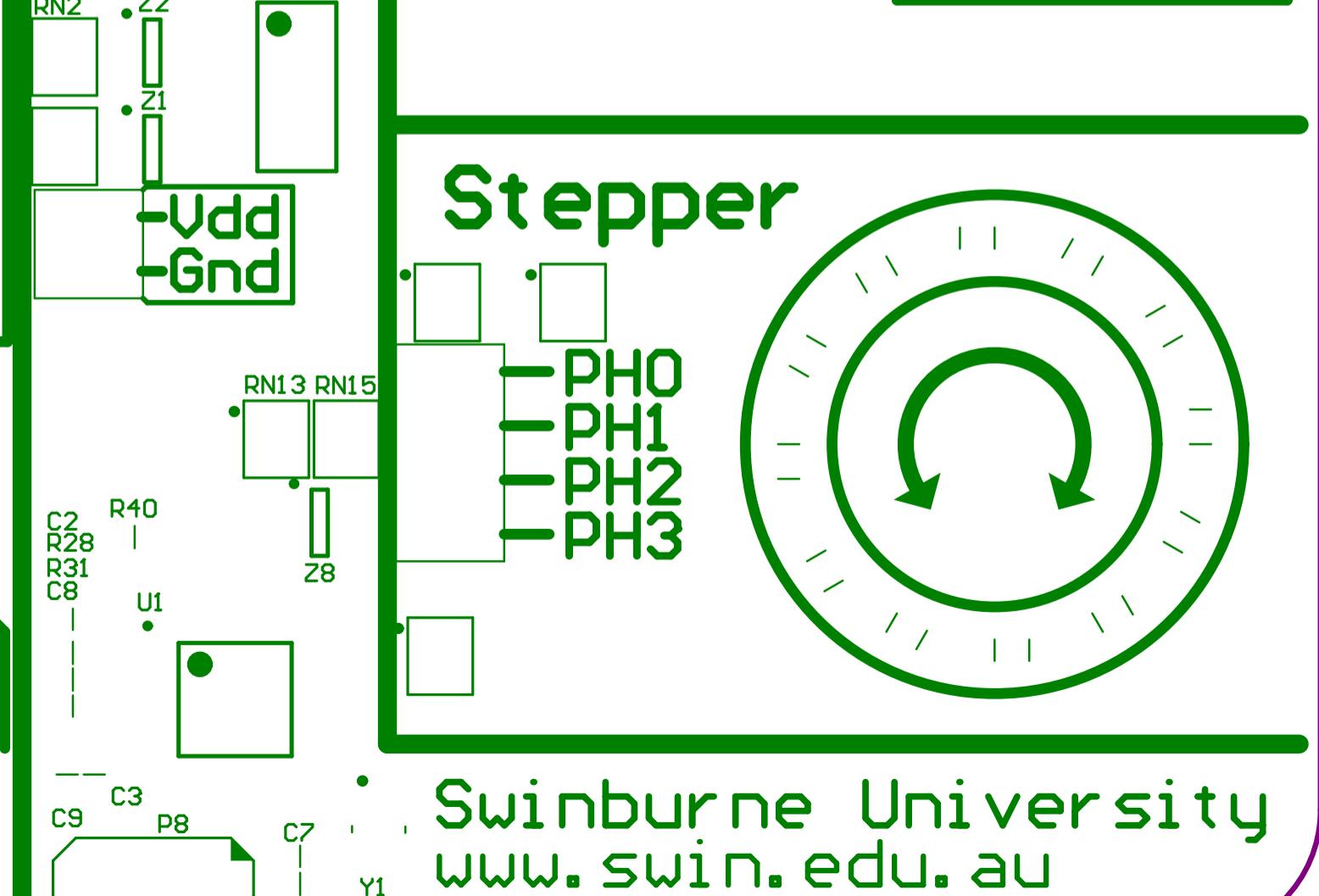
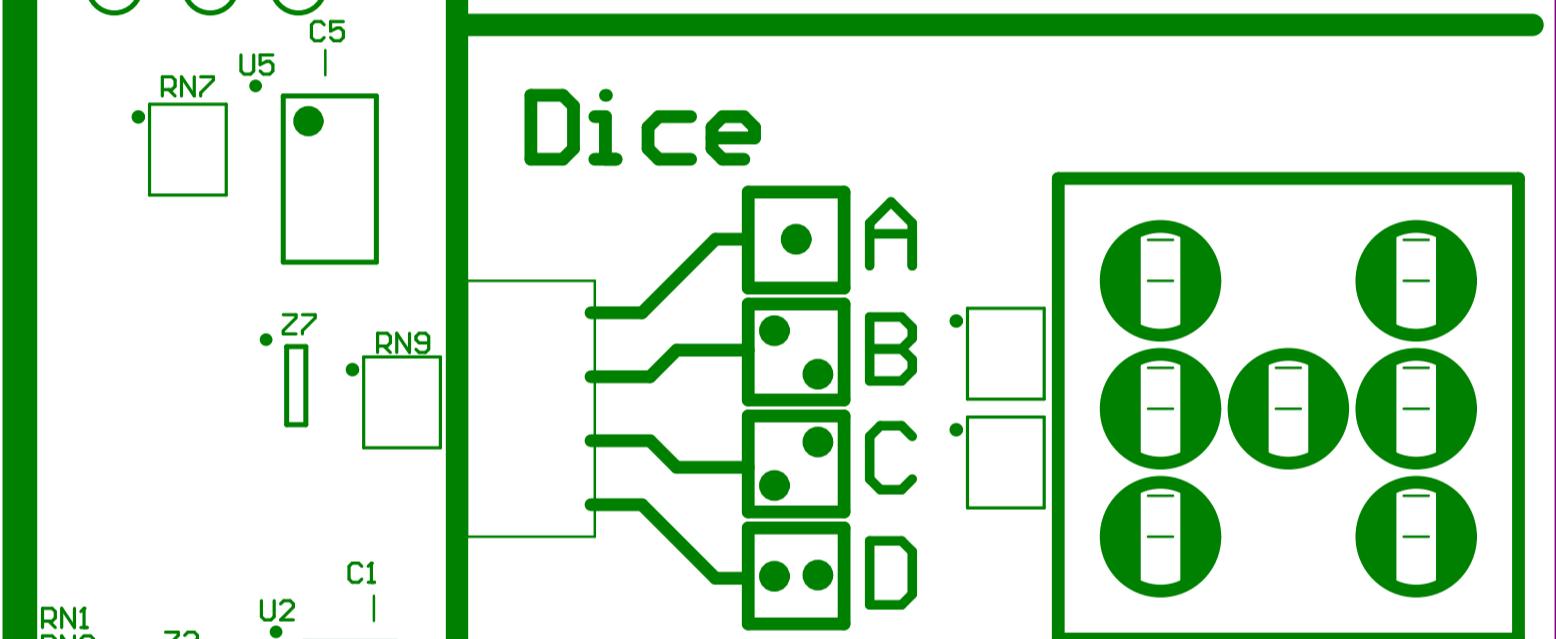
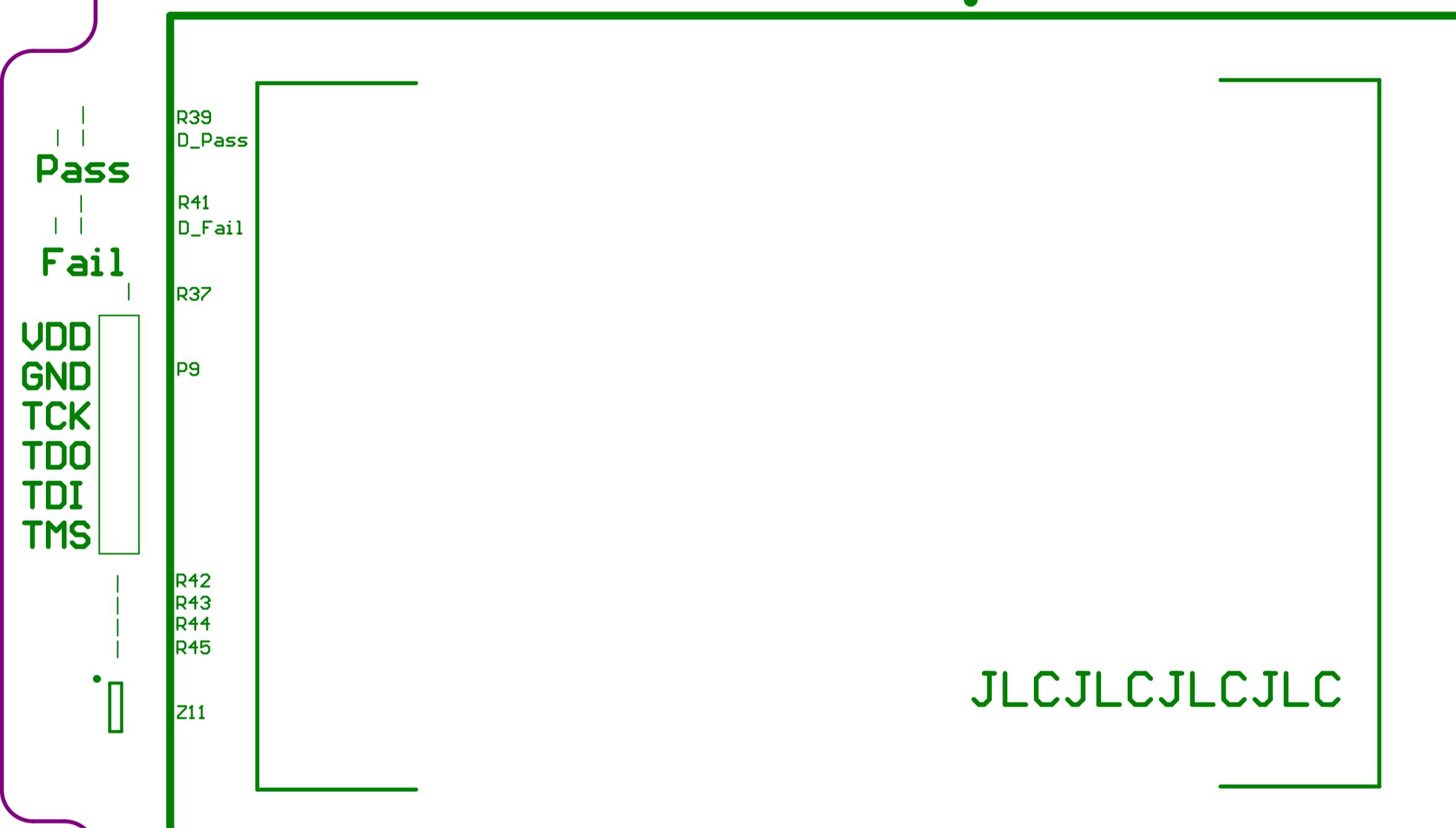
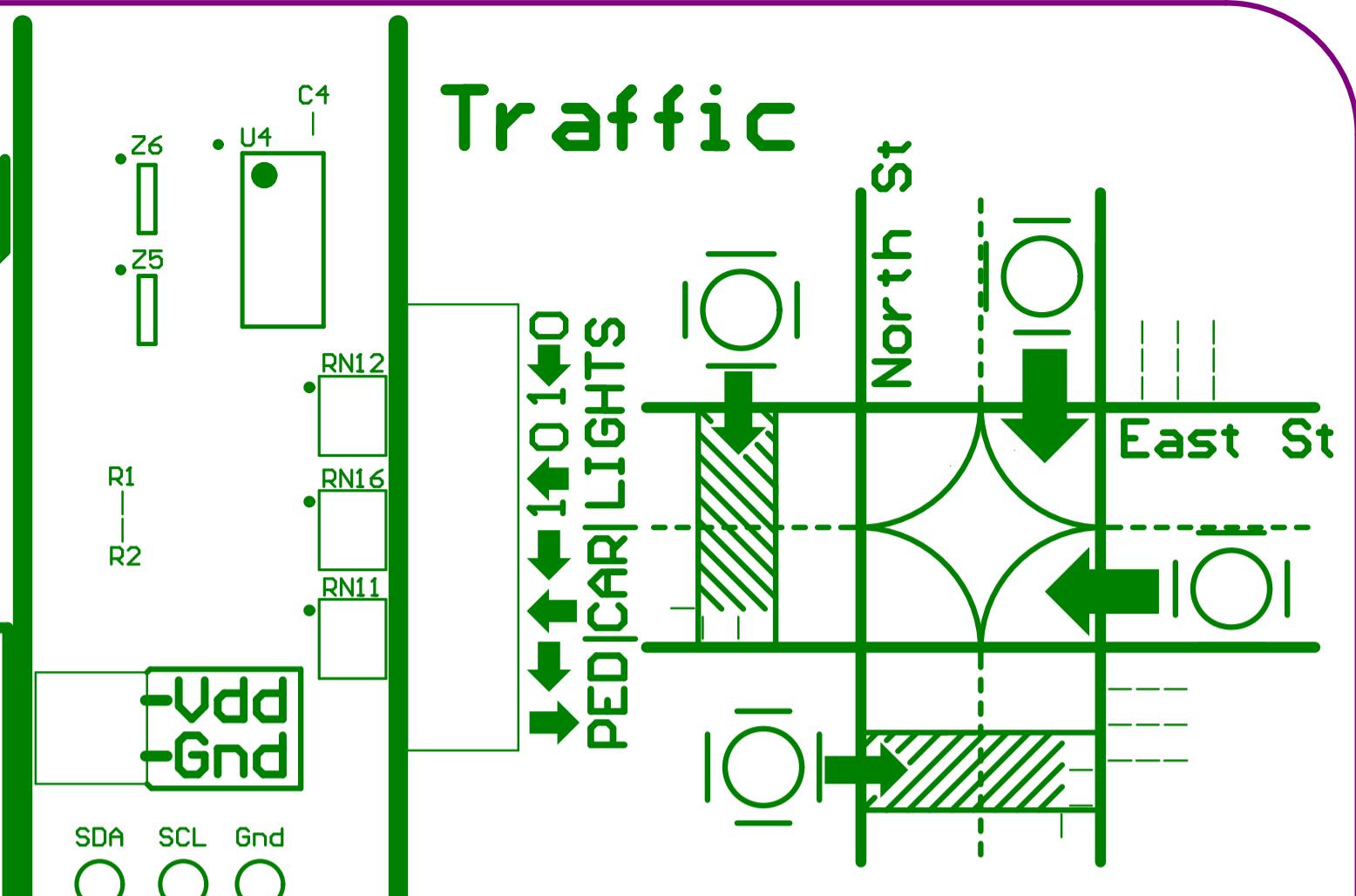
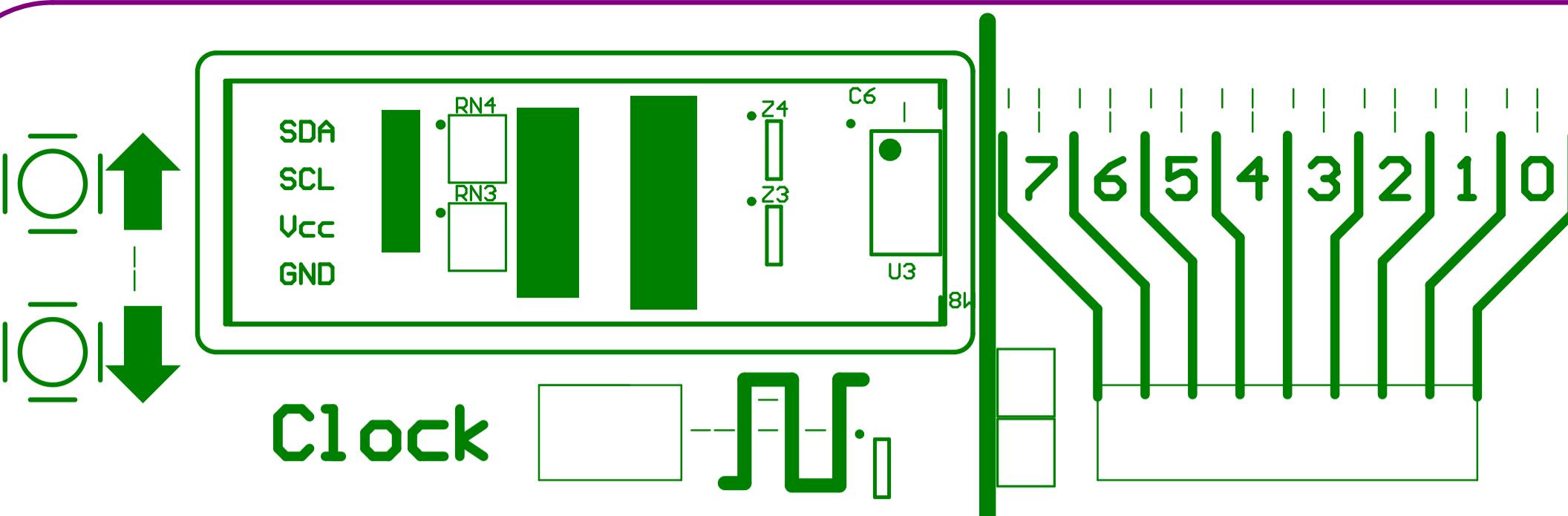
Size	Number	Revision
A4		4.0
Date:	15/01/2020	Sheet of
File:	C:\Users\...\DigitalLabBoard_Switches.SchDoc	Download By:



Title: DigitalLabBoard\_Traffic.SchDoc

Size	Number	Revision
A4		4.0
Date:	15/01/2020	Sheet of
File:	C:\Users\...\DigitalLabBoard_Traffic.SchDoc	





DIGITAL ELECTRONICS DESIGN  
SWINBURNE UNIVERSITY  
OF TECHNOLOGY



Based on a design by  
Jordan Boekel, Ben Gregg,  
Patrick Curtain

Ver = 4.0

If found please call (+613) 9214 8319

Vref  
Gnd  
TCK  
TDO  
TDI  
TMS

# Bill of Materials

Formatted BOM for Project [D]

Source Data From:

DigitalLabBoard.PrjPCB

Project:

DigitalLabBoard.PrjPCB

Variant:

None

Creation Date: 15/01/2020 6:59 PM  
Print Date: 15-Jan-20 7:00:00 PM

Footprint	Comment	Farnell PN	Digikey	LCSC
Breadboard - 300 holes	Breadboard - 300 Hole			
CCNP1608-0603	100nF			C14663
CCNP1608-0603	2.2uF			C23630
CCNP1608-0603	1uF			C15849
CCNP2012-0805	10uF			C15850
CCNP1608-0603	10nF			C57112
LED1608-0603-RED	LED Red	1581239		C2286
LED1608-0603-Yellow	LED Yellow	5790852		C72038
LED1608-0603-GREEN	LED Green	1581242		C72043
SMD0805-050	SMD0805-050			C66452
USB4085-GF-A	USB4085-GF-A	2924867	2073-USB4085-GF-ACT- RPC4821-ND	
Bumper_RBS-2	Plastic Bumper			
OLED_Surround	OLED_Surround			
OLED_Display_128x32	OLED_Display			
HDR2X8S	Header 2x8		A26528-08-ND	
HDR2X4S	Header 2x4		A26528-04-ND	
HDR2X3S	Header 2x3			
HDR1X6S	Header, 6-Pin		A26512-06-ND	
HDR2Y2S	Header 2x2		A26522-02-ND	

