

	1	2	3	4	5		
A	<div>Clock module</div> <div>File: clock_module.kicad_sch</div>	<div>Clock multiplexer</div> <div>File: clock_multiplexer.kicad_sch</div>	<div>CPU</div> <div>File: 6502.kicad_sch</div>	<div>EEPROM</div> <div>File: eeprom.kicad_sch</div>	<div>VIA</div> <div>File: via.kicad_sch</div>	<div>LCD</div> <div>File: lcd.kicad_sch</div>	<div>RAM</div> <div>File: ram.kicad_sch</div>
B	<div>Chip enable decoders</div> <div>File: cs_decoders.kicad_sch</div>	<div>ACIA</div> <div>File: acia.kicad_sch</div>	<div>SID</div> <div>File: sid.kicad_sch</div>	<div>Bus decoders</div> <div>File: bus_decoders.kicad_sch</div>	<div>SD Card</div> <div>File: sd_card.kicad_sch</div>	<div>HW Breakpoint</div> <div>File: hw_breakpoint.kicad_sch</div>	<div>PS2 Keyboard</div> <div>File: keyboard.kicad_sch</div>
C	<div>DIN 41612</div> <div>File: din_41612.kicad_sch</div>	<div>Power</div> <div>File: power.kicad_sch</div>					
D							
	1	2	3	4	5		

Sheet: /
File: 6502_Computer.kicad_sch

Title: Clock module

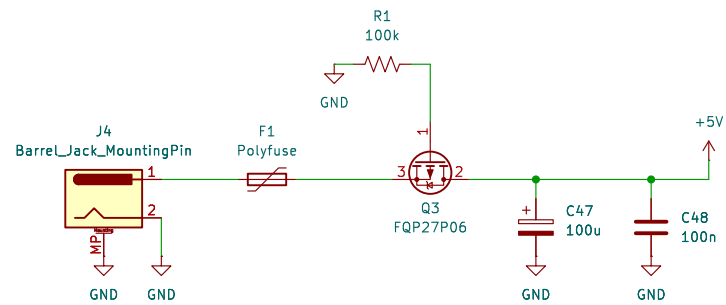
Size: A4

Date: 2025-10-09

Rev: 0

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Sheet: /Power/
File: power.kicad_sch

Title:

Size: A4

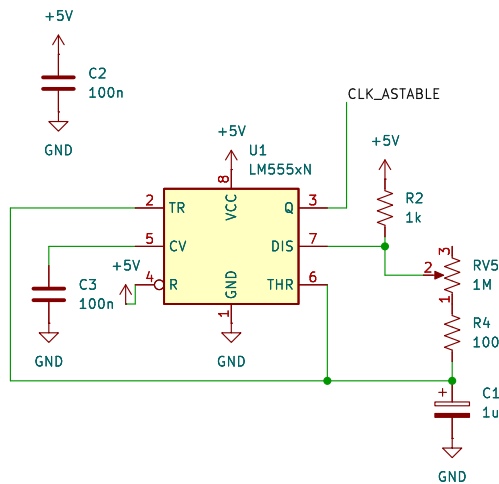
Date:

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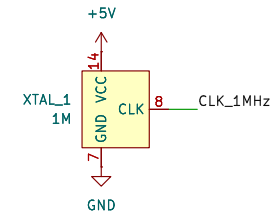
Rev:

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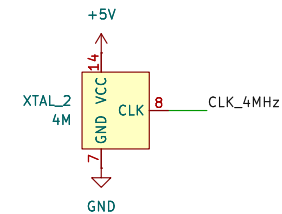
Astable



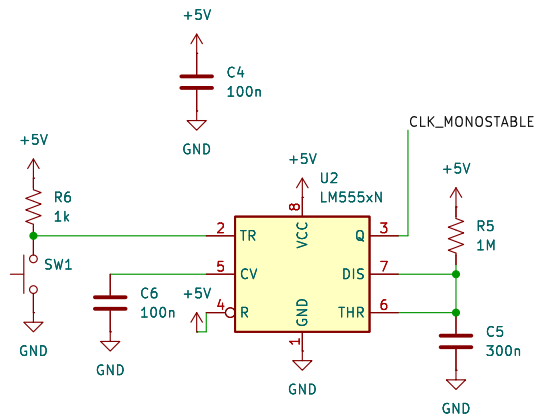
1 MHz



4 MHz



Monostable



Sheet: /Clock module/
File: clock_module.kicad_sch

Title:

Size: A4

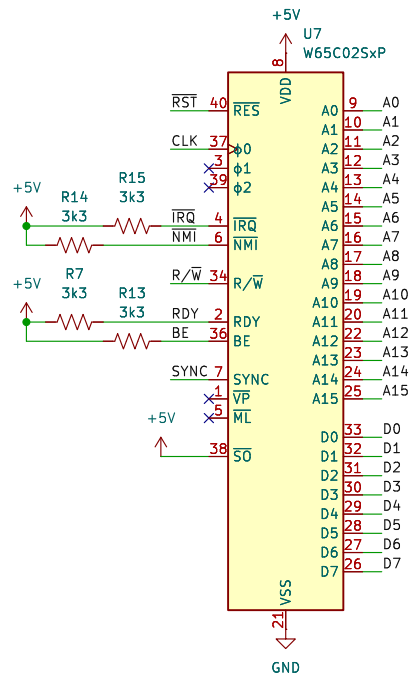
Date:

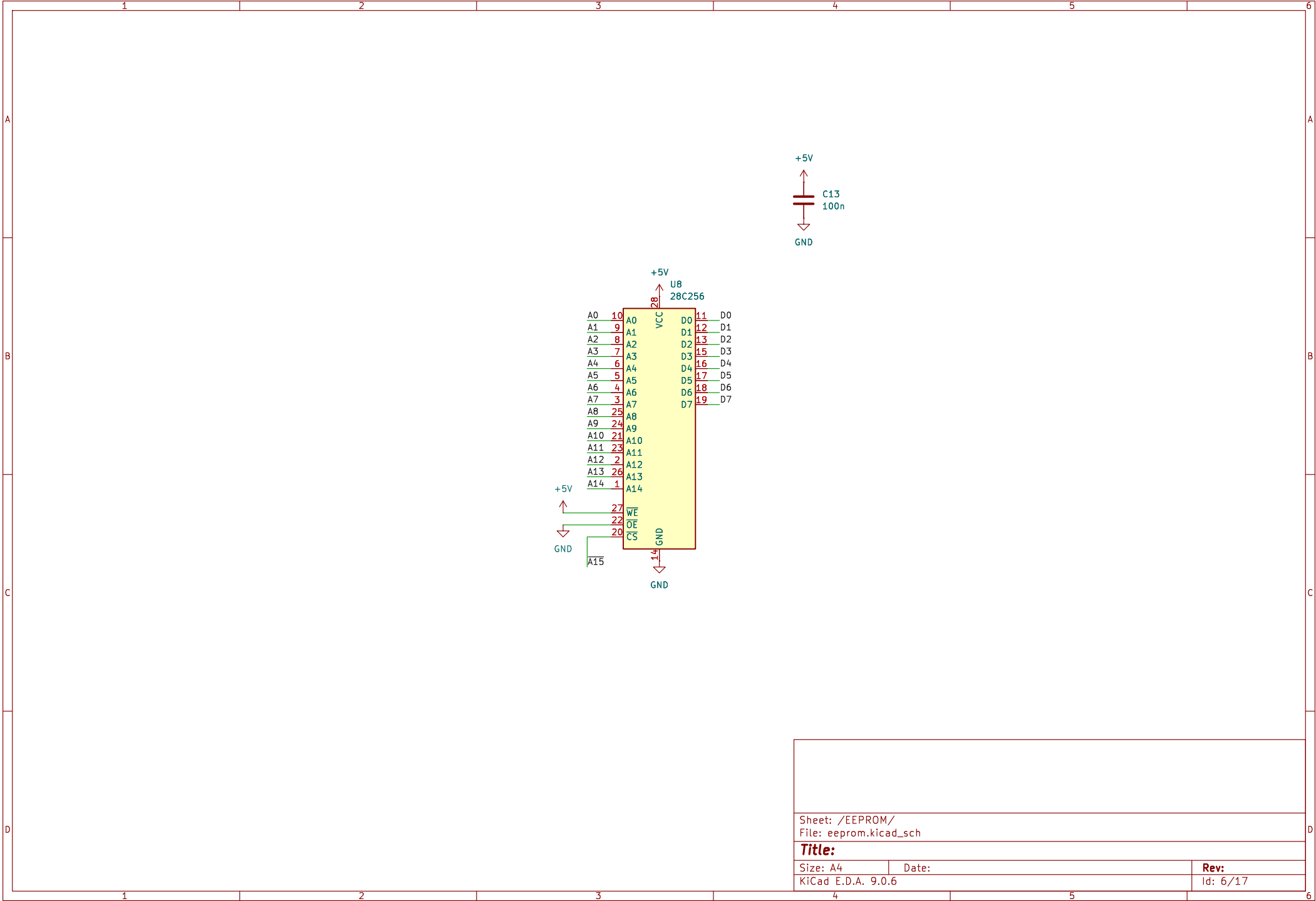
KiCad E.D.A. 9.0.6

Rev:

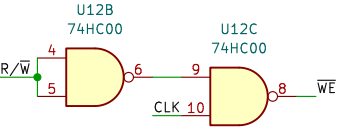
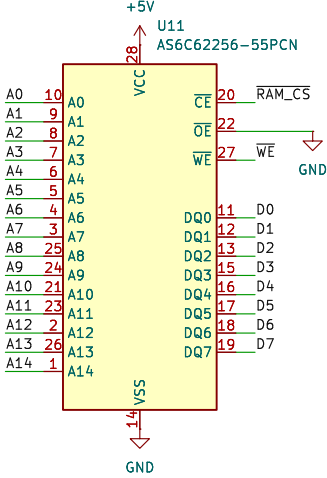
Id: 3/17







Sheet: /EEPROM/ File: eeprom.kicad_sch		
Title:		
Size: A4	Date:	Rev:
KiCad E.D.A. 9.0.6	Id: 6/17	



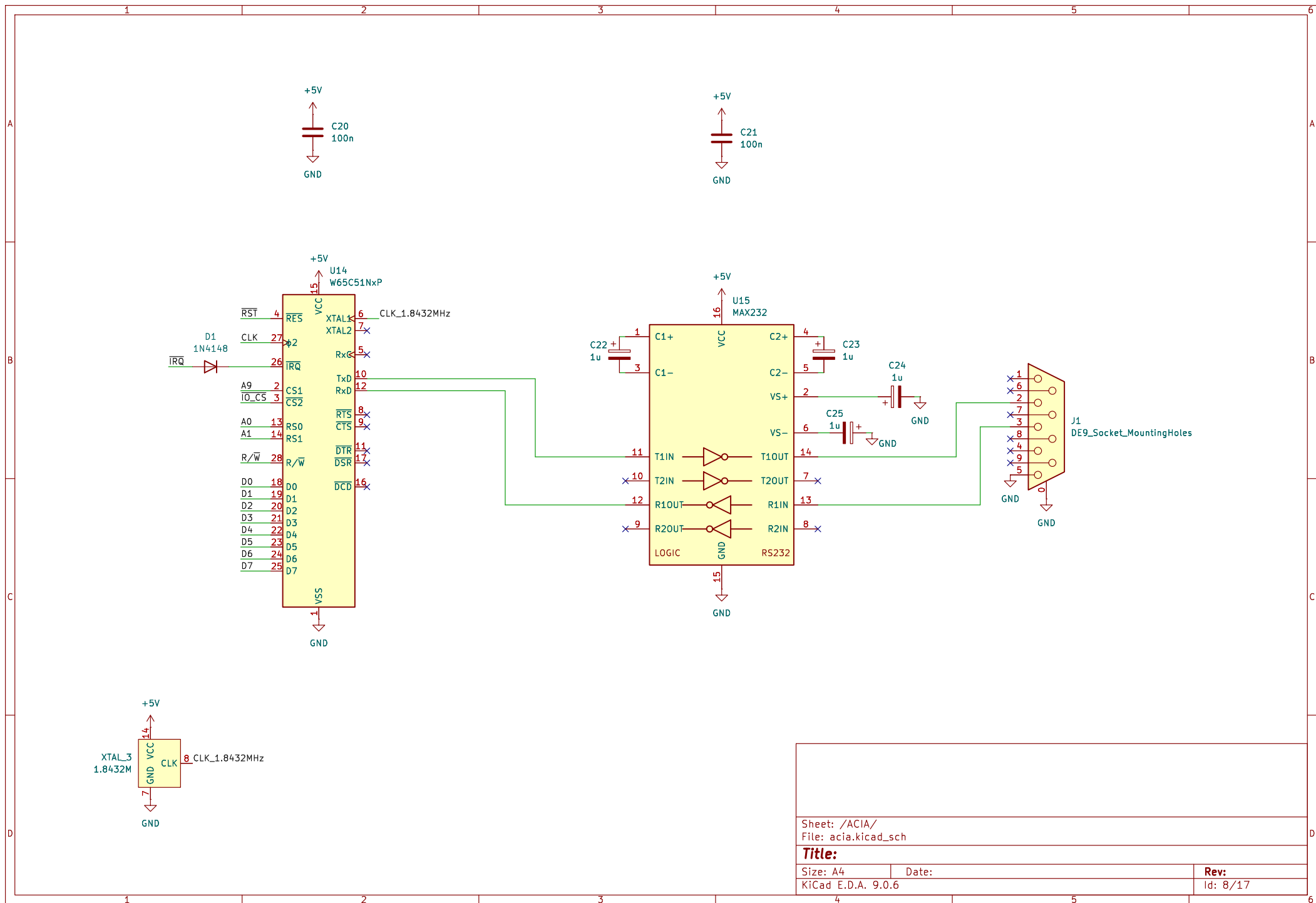
Sheet: /RAM/
File: ram.kicad_sch

Title:

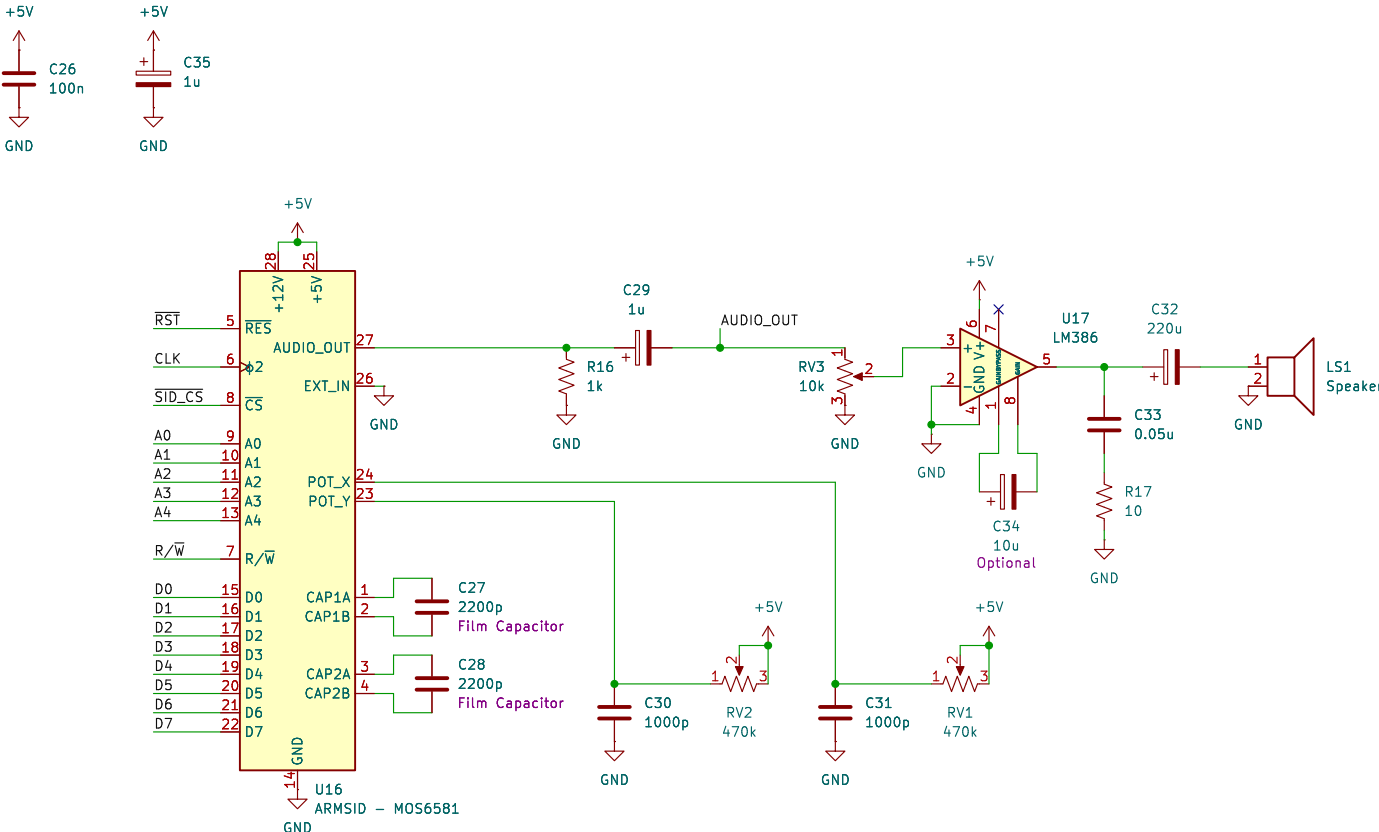
Size: A4
KiCad E.D.A. 9.0.6

Date:

Rev:
Id: 7/17



ToDo: Configure SID to accept +5V in +12V pin



Sheet: /SID/
File: sid.kicad_sch

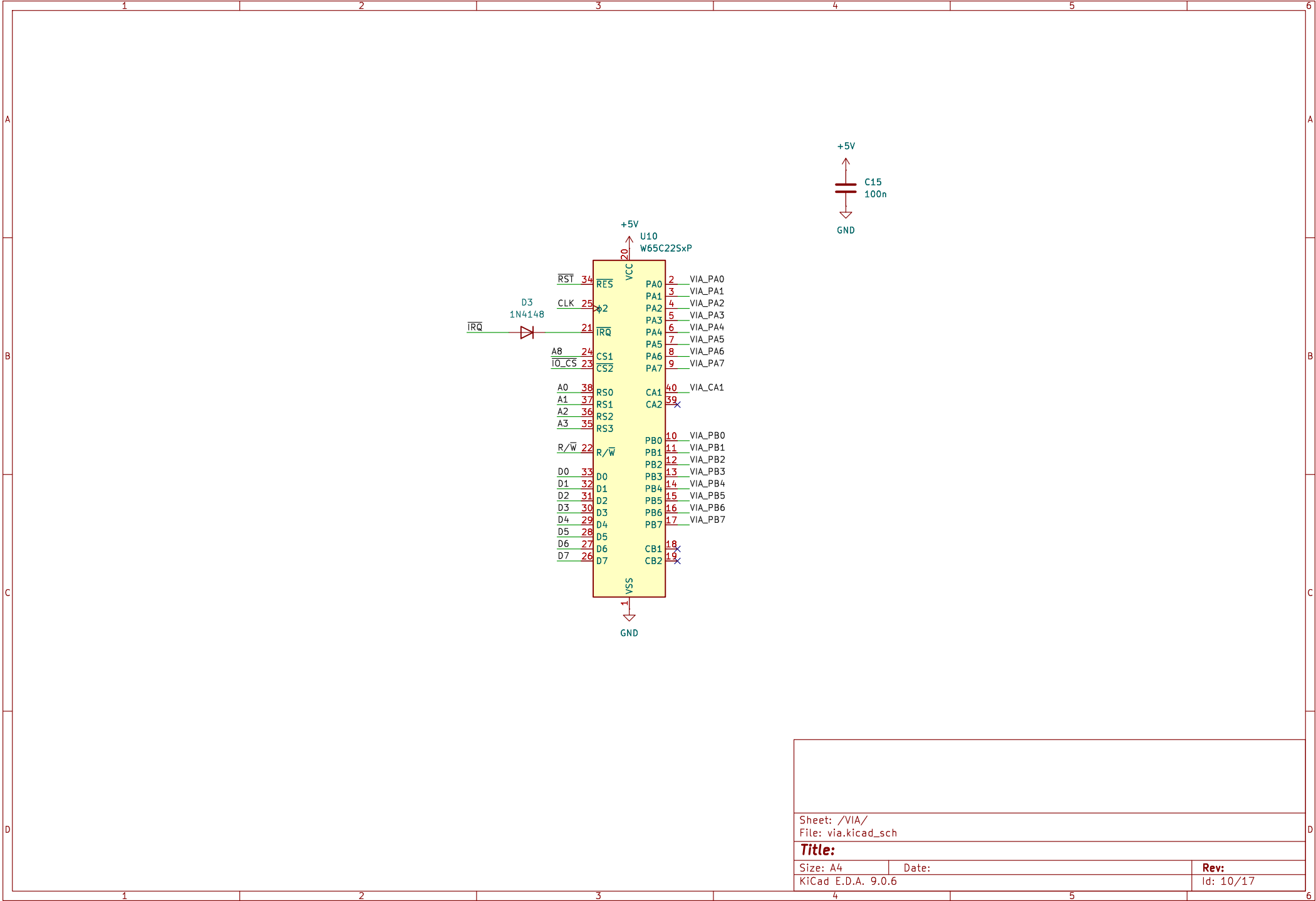
Title:

Size: A4	
KiCad E.D.A. 9.0.6	

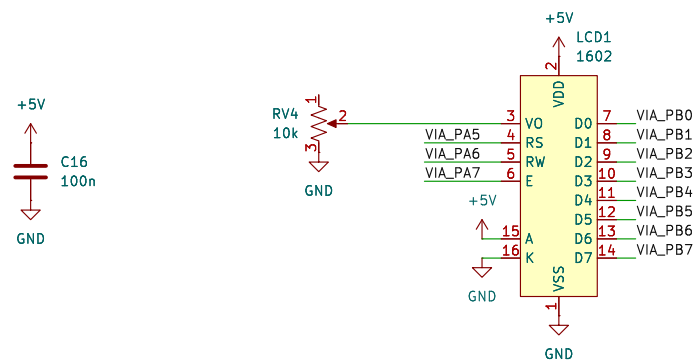
Date:

Rev:

Id: 9/17



ToDo: Use only 4 wires
ToDo: Upgrade to bigger LCD



Sheet: /LCD/
File: lcd.kicad_sch

Title:

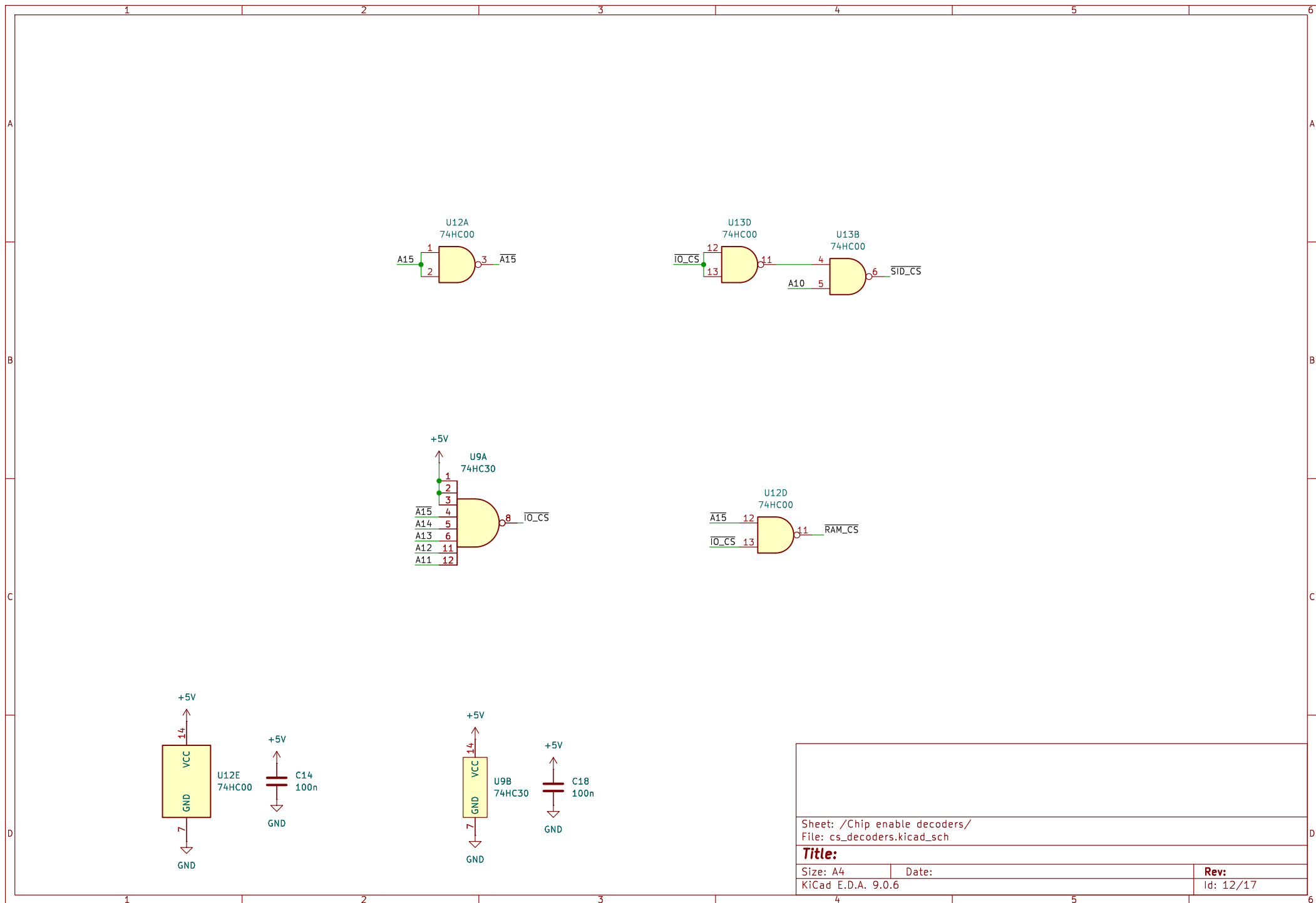
Size: A4

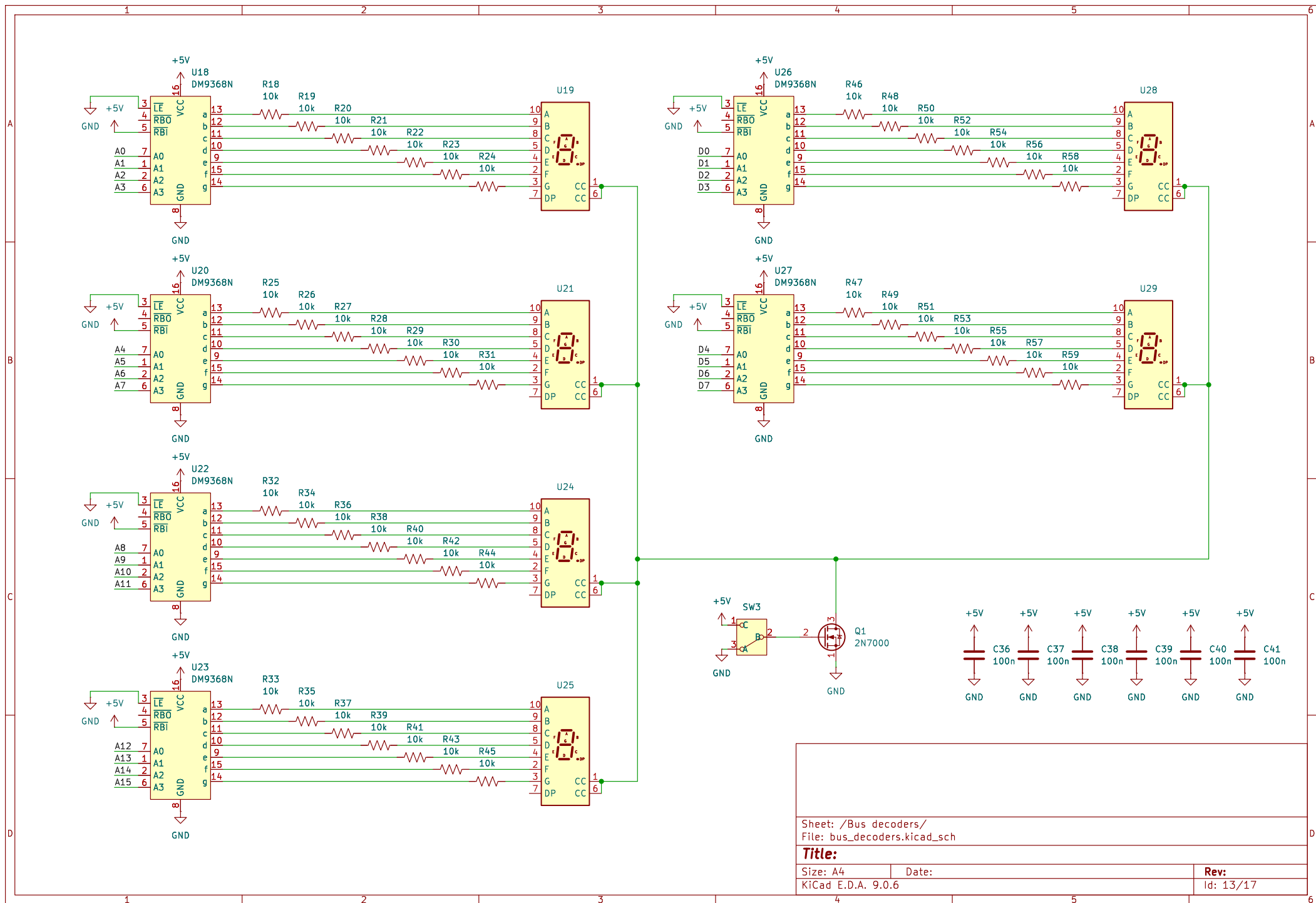
Date:

KiCad E.D.A. 9.0.6

Rev:

Id: 11/17





Sheet: /Bus decoders/
File: bus_decoders.kicad_sch

Title:

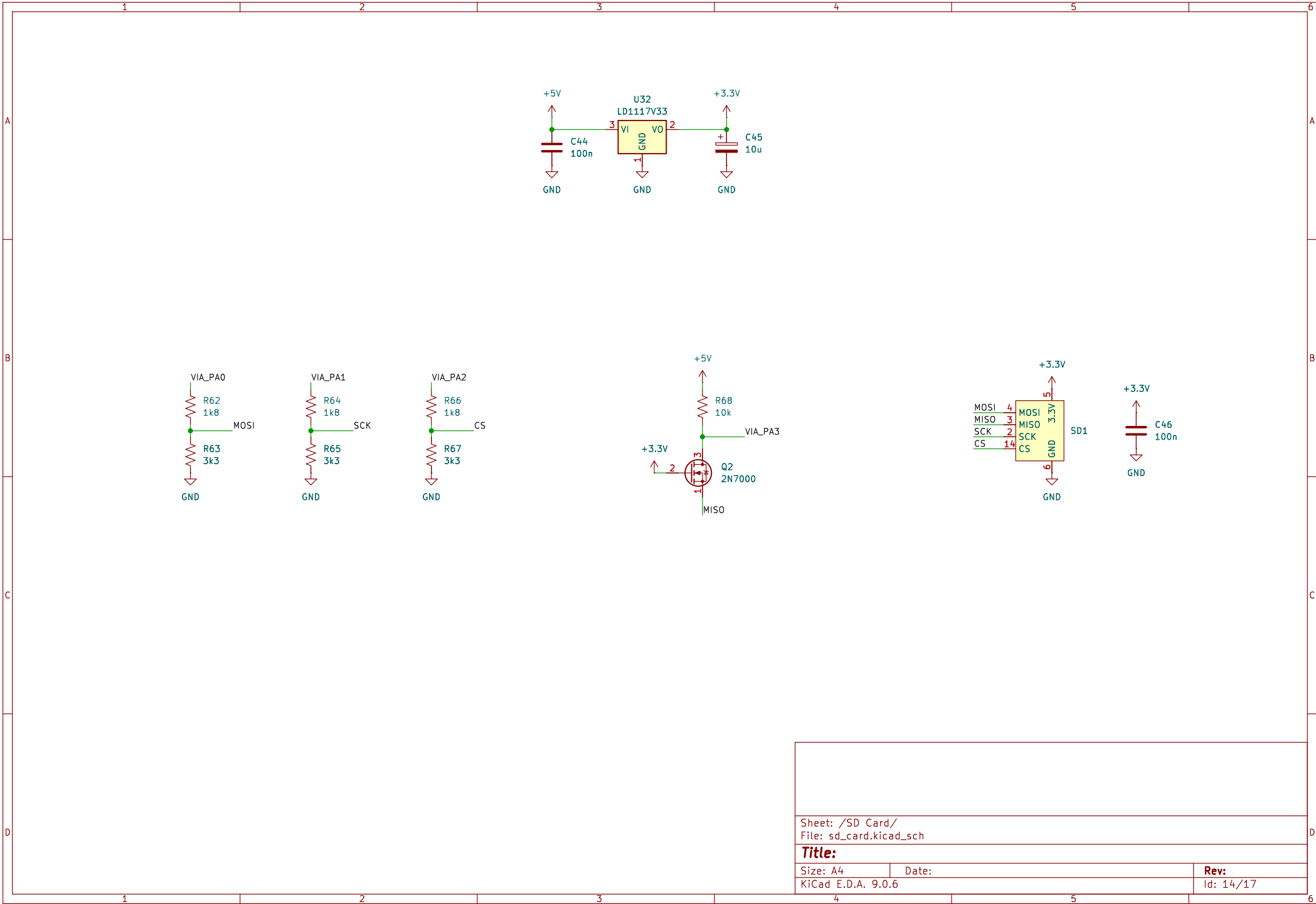
Size: A4

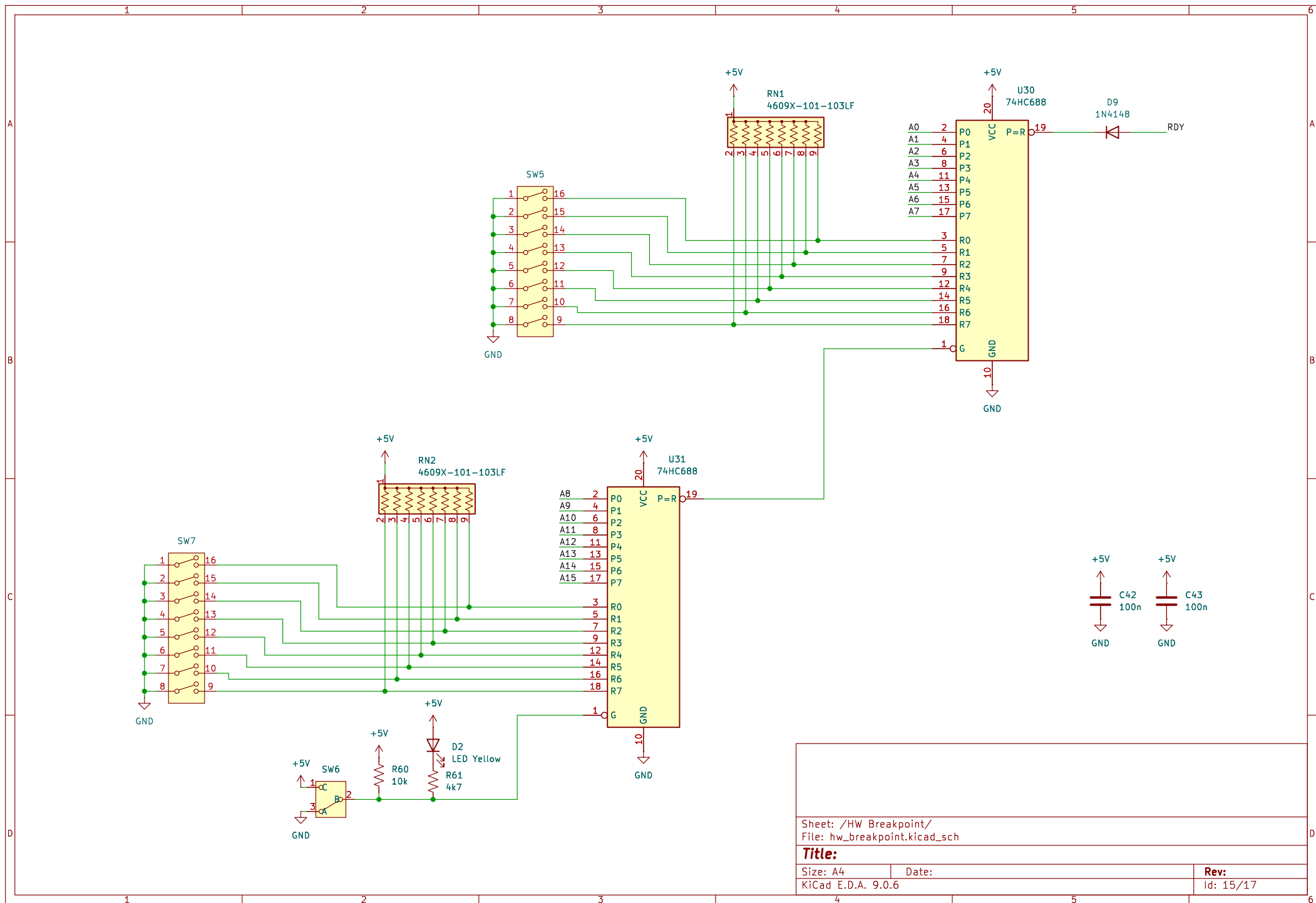
Date:

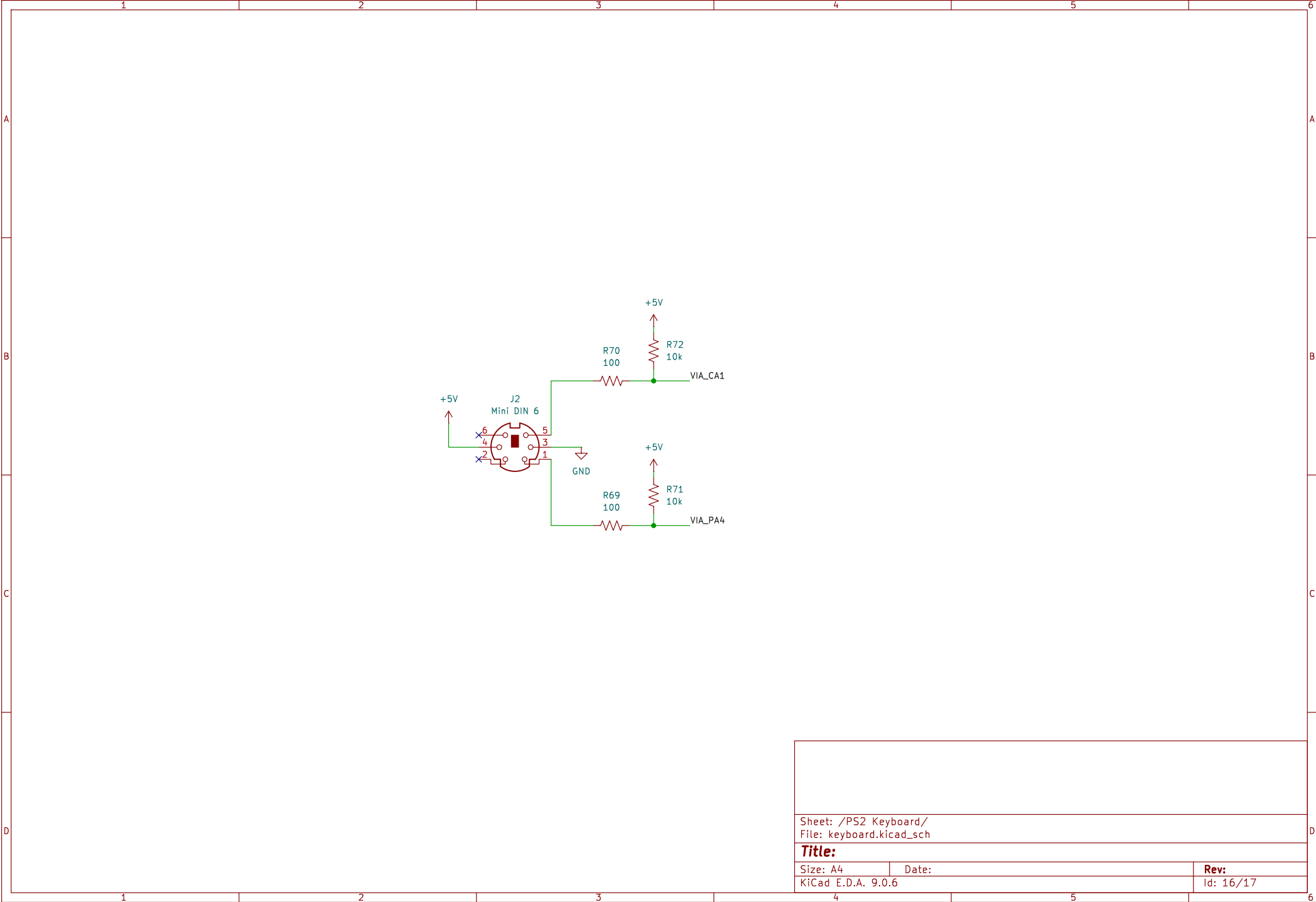
KiCad E.D.A. 9.0.6

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Sheet: /PS2 Keyboard/
File: keyboard.kicad_sch

Title:

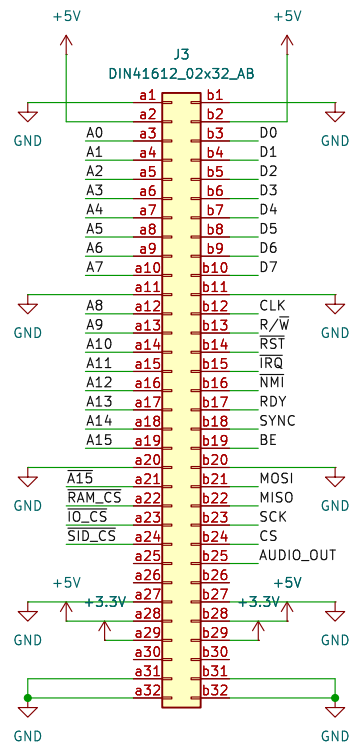
Size: A4

Date:

KiCad E.D.A. 9.0.6

Rev:

Id: 16/17



ToDo: After updating the LCD screen, route a couple of VIA pins and the corresponding Cx1 pin

Sheet: /DIN 41612/
File: din_41612.kicad_sch

Title:

Size: A4

Date:

KiCad E.D.A. 9.0.6

Rev:

Id: 17/17