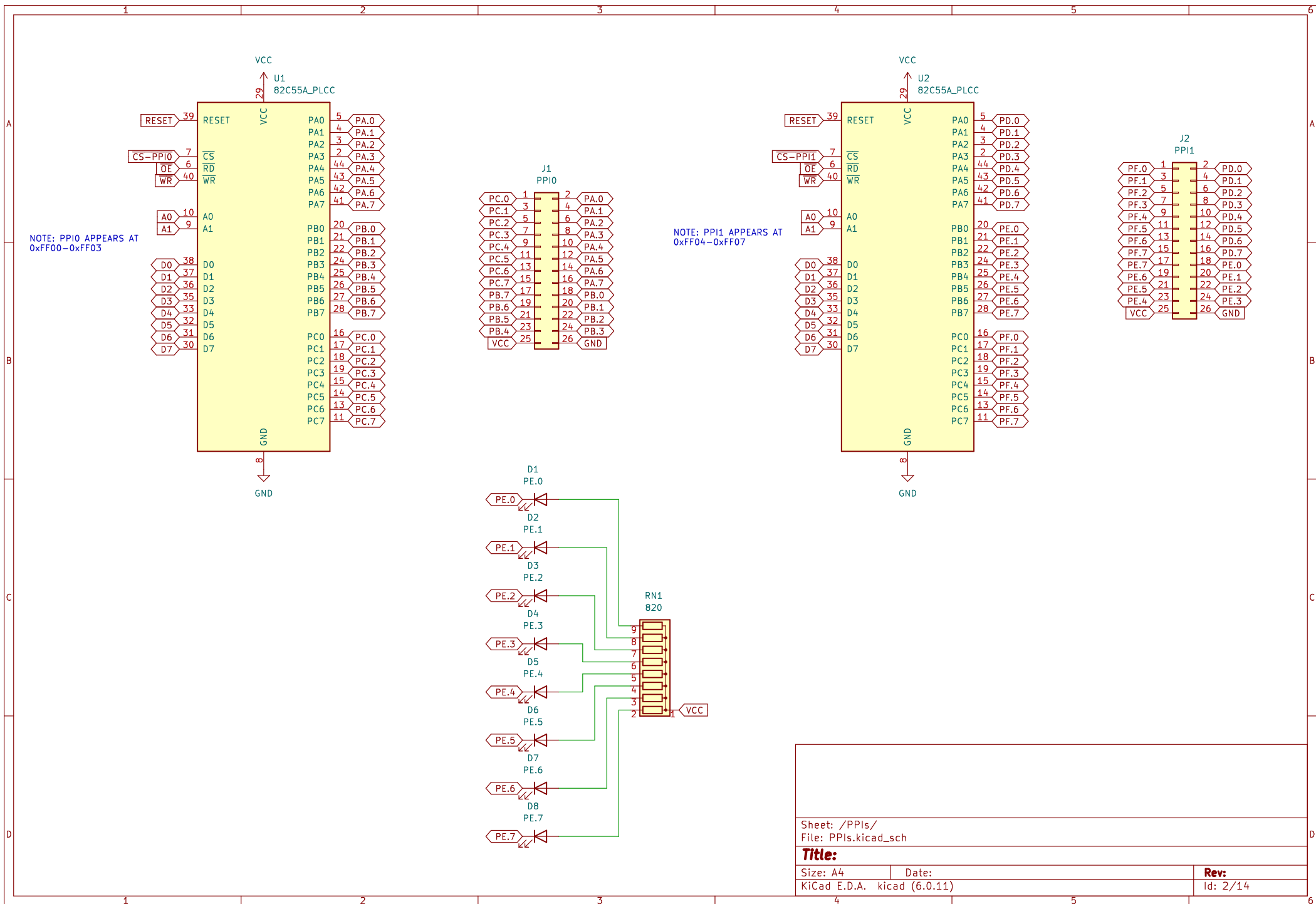
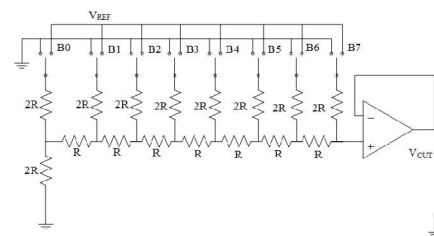


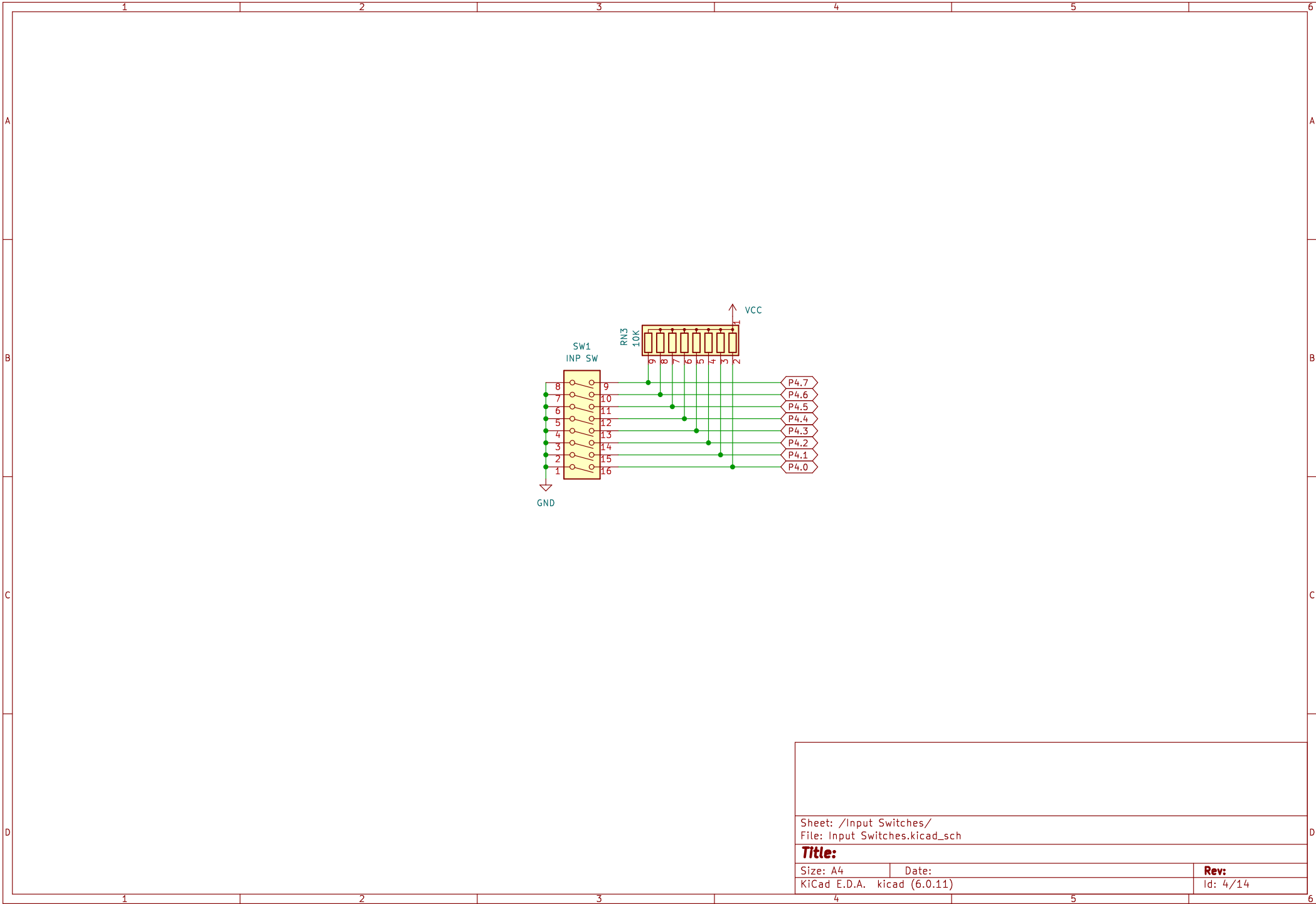
1	2	3	4	5
<b>SAB80535</b> File: SAB80535.kicad_sch	<b>ROM-RAM</b> File: ROM-RAM.kicad_sch	<b>PPIs</b> File: PPIs.kicad_sch	<b>GALs</b> File: GALs.kicad_sch	<b>Input Switches</b> File: Input Switches.kicad_sch
<b>Power</b> File: Power.kicad_sch	<b>16x2-LCD</b> File: 16x2-LCD.kicad_sch	<b>Diagnostics</b> File: Diagnostics.kicad_sch	<b>USB-SD</b> File: USB-SD.kicad_sch	<b>Audio</b> File: Audio.kicad_sch
<b>I2C</b> File: I2C.kicad_sch				

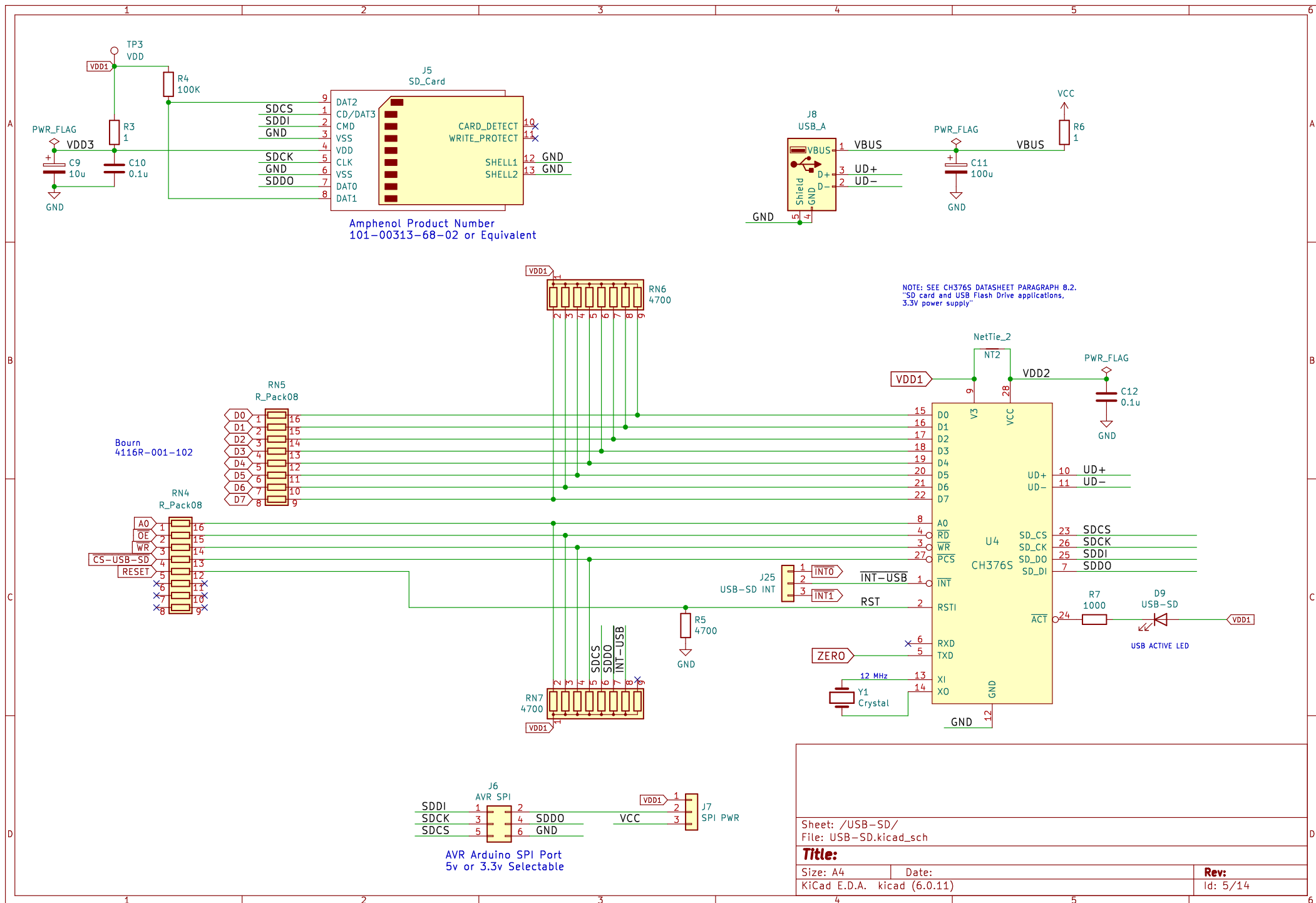
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File: SAB80535-Dev-Board.kicad_sch	
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Size: A	Date:
KiCad E.D.A. kicad (6.0.11)	Rev:
Id: 1/14	

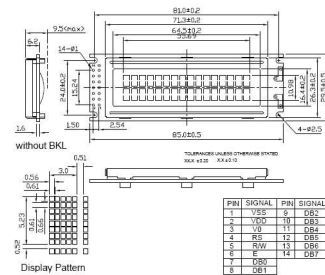
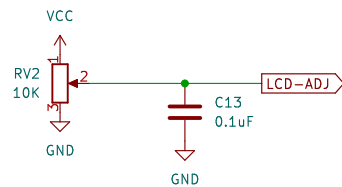




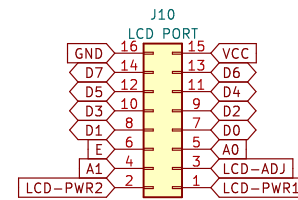
Rev:  
Id: 3/14



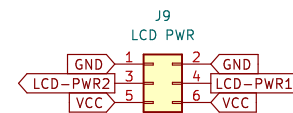




NOTE: LCD APPEARS AT  
CS-LCD FF08-FF08



NOTE: HD44780 interface  
<https://www.pololu.com/product/773>  
16x2 2-LINE LCD DISPLAY



Sheet: /16x2-LCD/  
File: 16x2-LCD.kicad\_sch

**Title:**

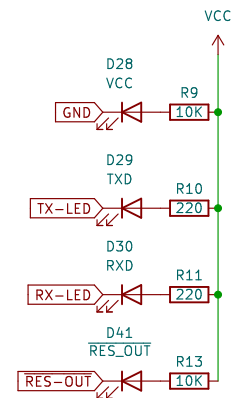
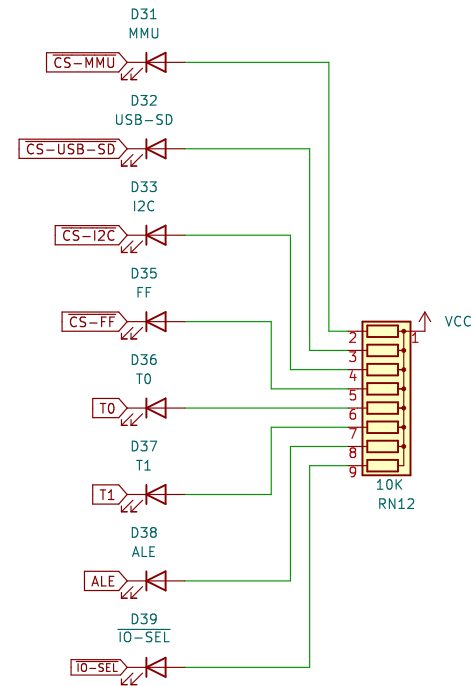
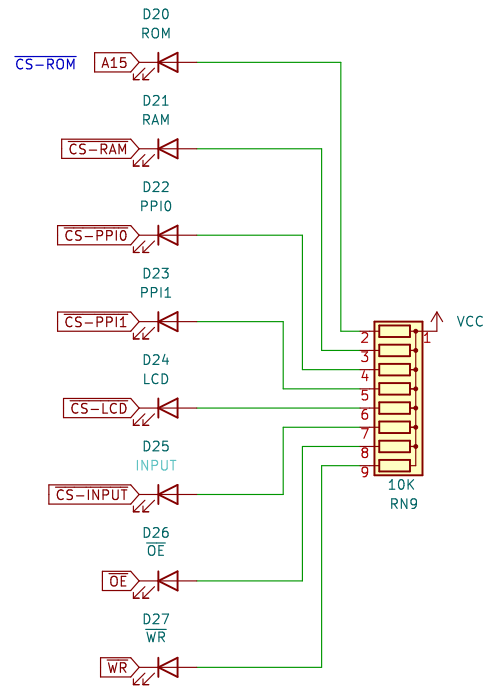
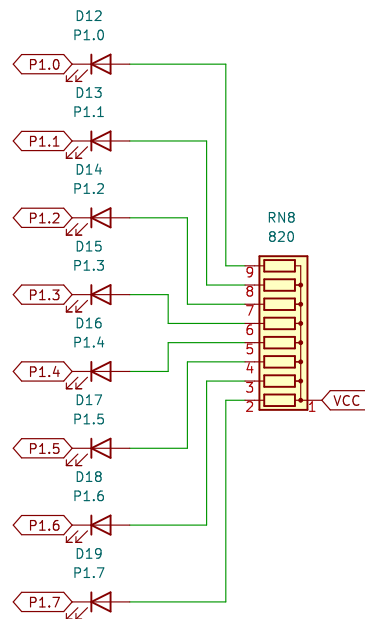
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KiCad E.D.A. kicad (6.0.11)

Date:

**Rev:**

Id: 6/14





Sheet: /Diagnostics/  
File: Diagnostics.kicad\_sch

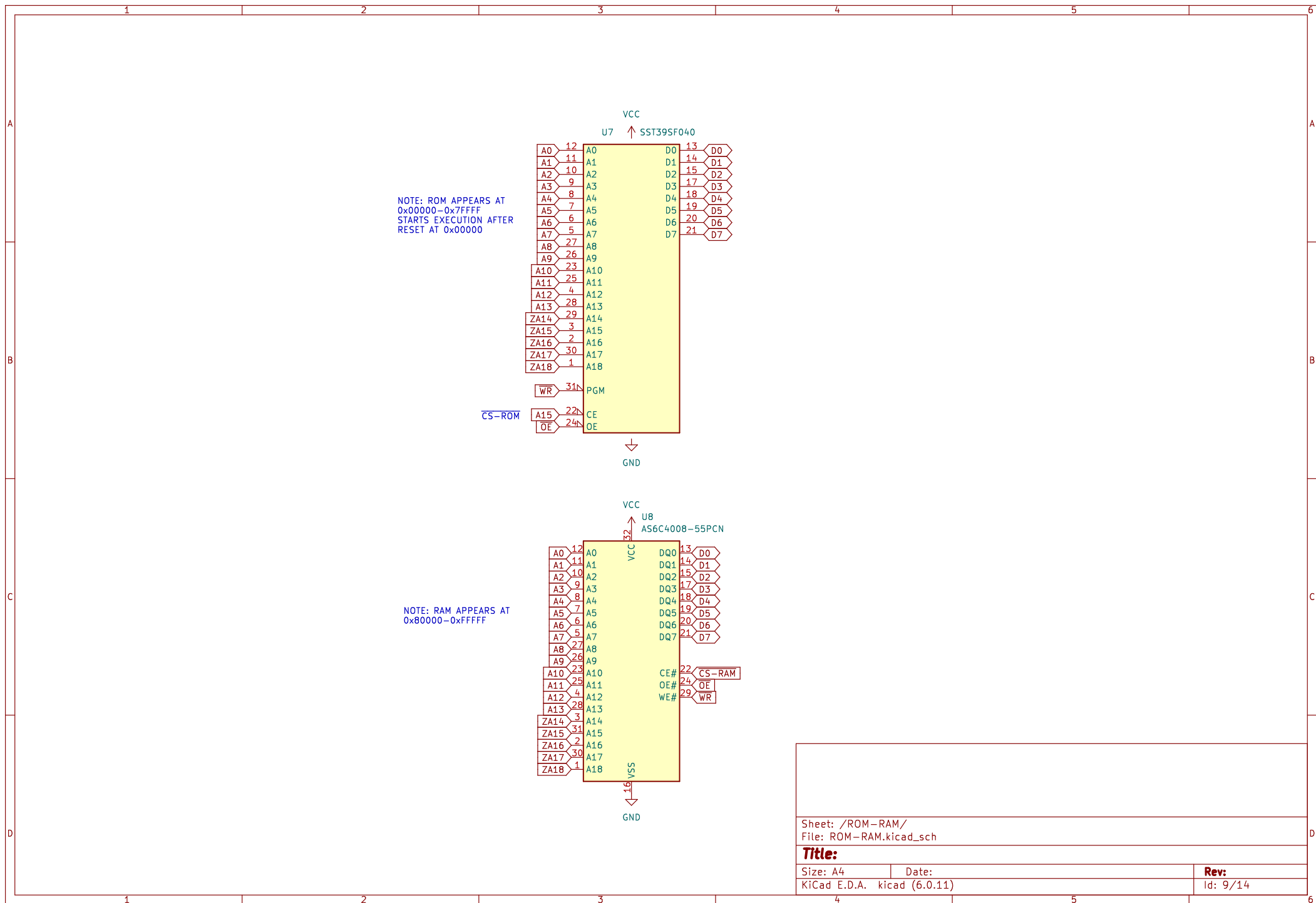
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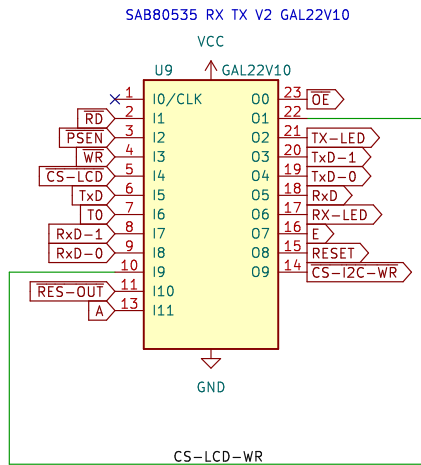
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KiCad E.D.A. kicad (6.0.11)

Date:

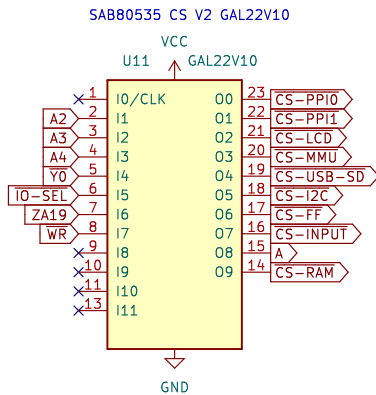
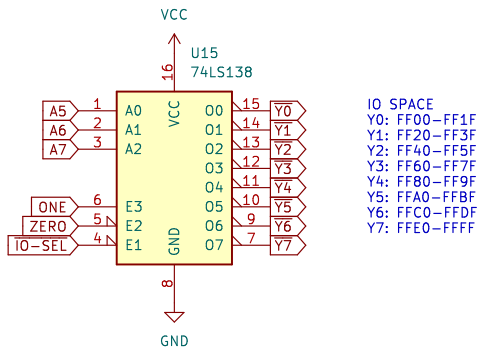
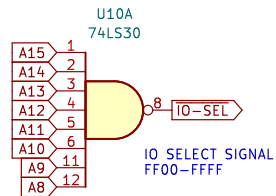
**Rev:**  
Id: 8/14







NOTE: CS-LCD-WR IS CONNECTED TO CS-LCD-WR-PRIME BY TRACE FOR DELAYED LCD E SIGNAL



ONBOARD IO:

CS-PPI0 FF00-FF03

CS-PPI1 FF04-FF07

CS-LCD FF08-FF0B

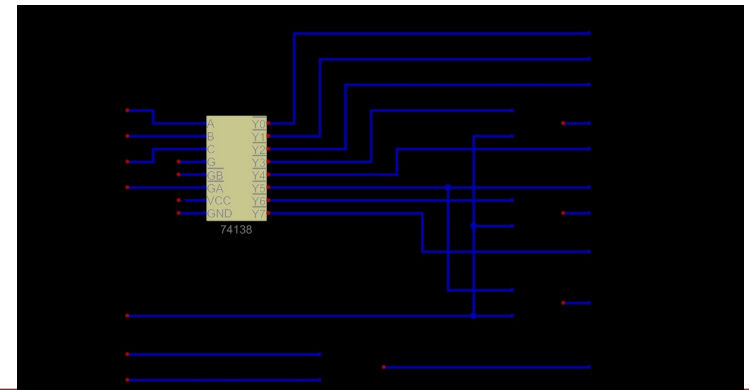
CS-MMU FFC0-FF0F

CS-USB-SD FF10-FF13

CS-I2C FF14-FF17

CS-FF FF18-FF1B

CS-INPUT FF1C-FF1F



Sheet: /GALs/  
File: GALs.kicad\_sch

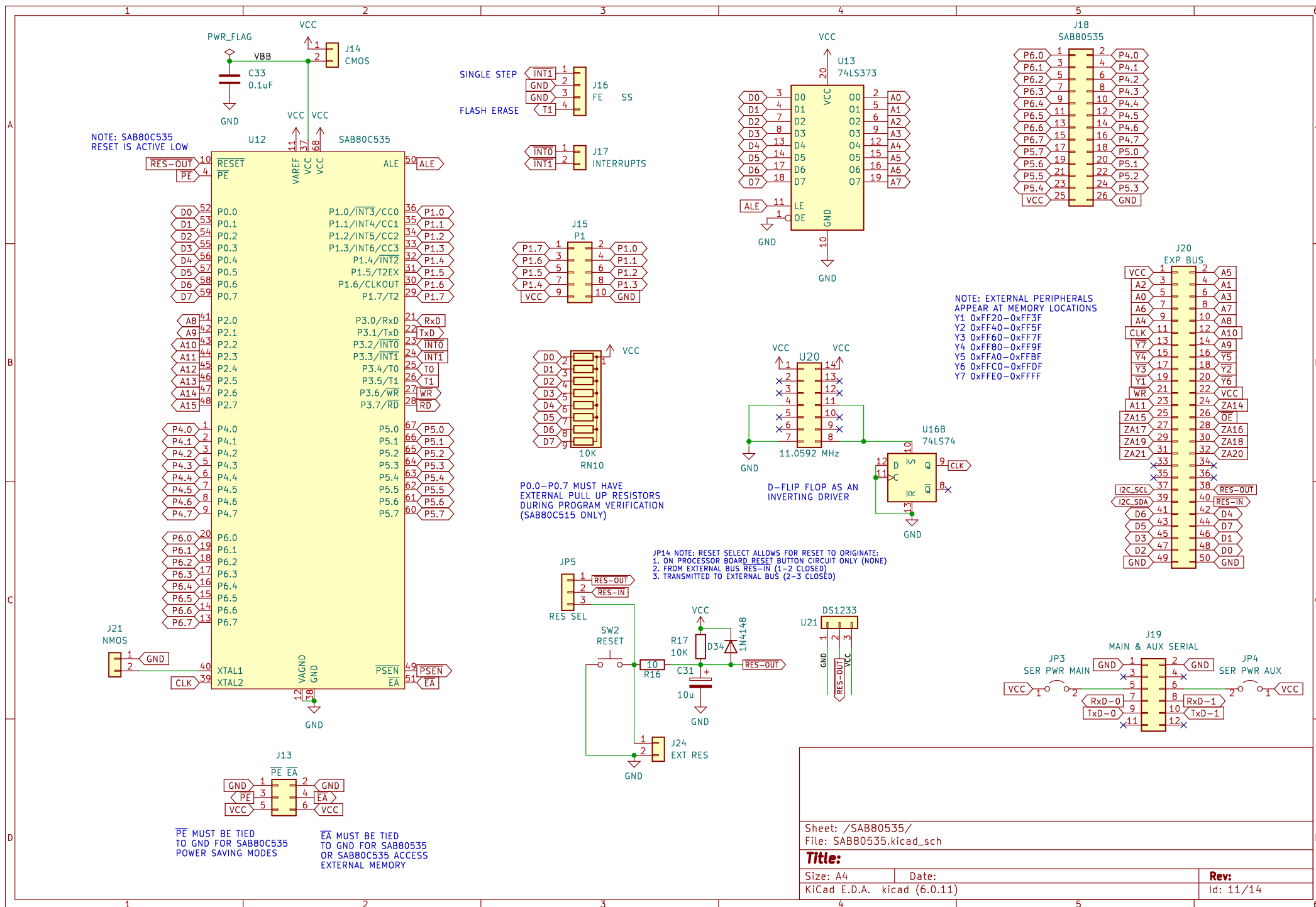
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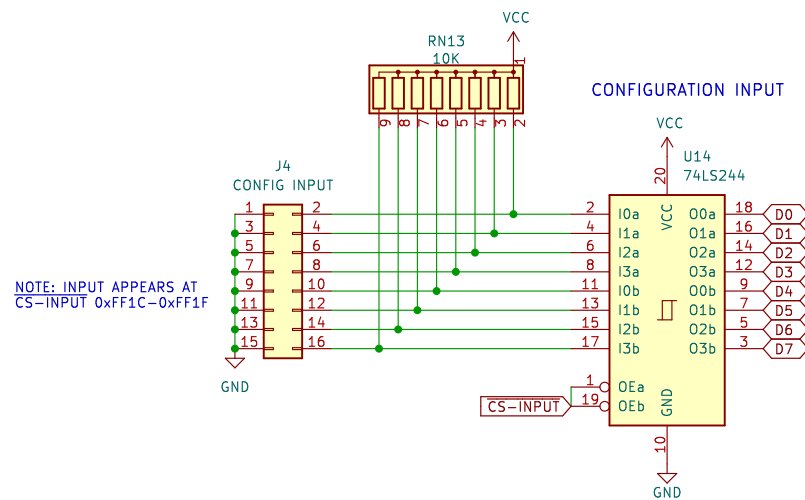
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KiCad E.D.A. kicad (6.0.11)

Date:

Rev:

Id: 10/14





Sheet: /Config Input/  
File: Config Input.kicad\_sch

**Title:**

Size: A4  
KiCad E.D.A. kicad (6.0.11)

Date:

**Rev:**

Id: 12/14

