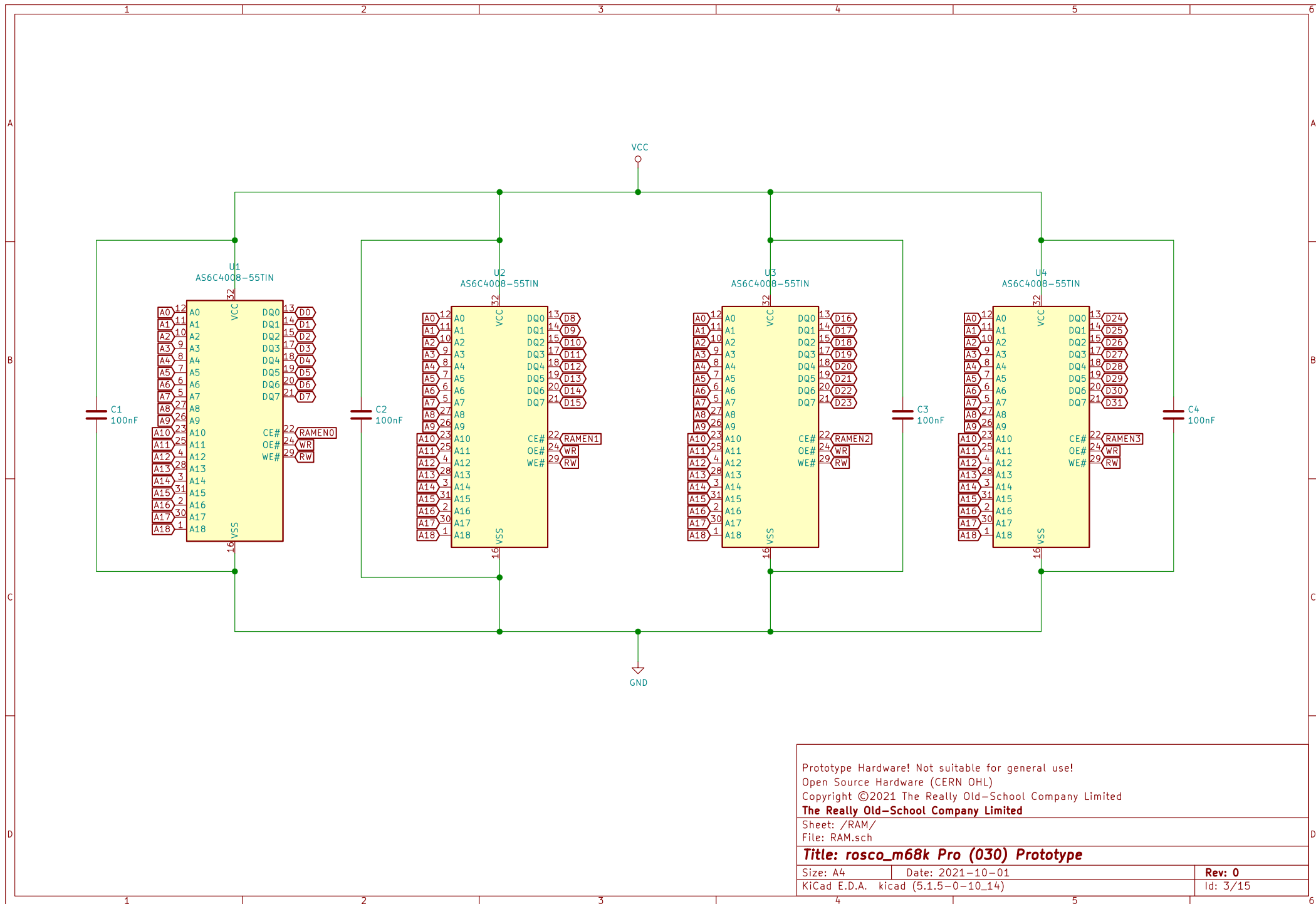
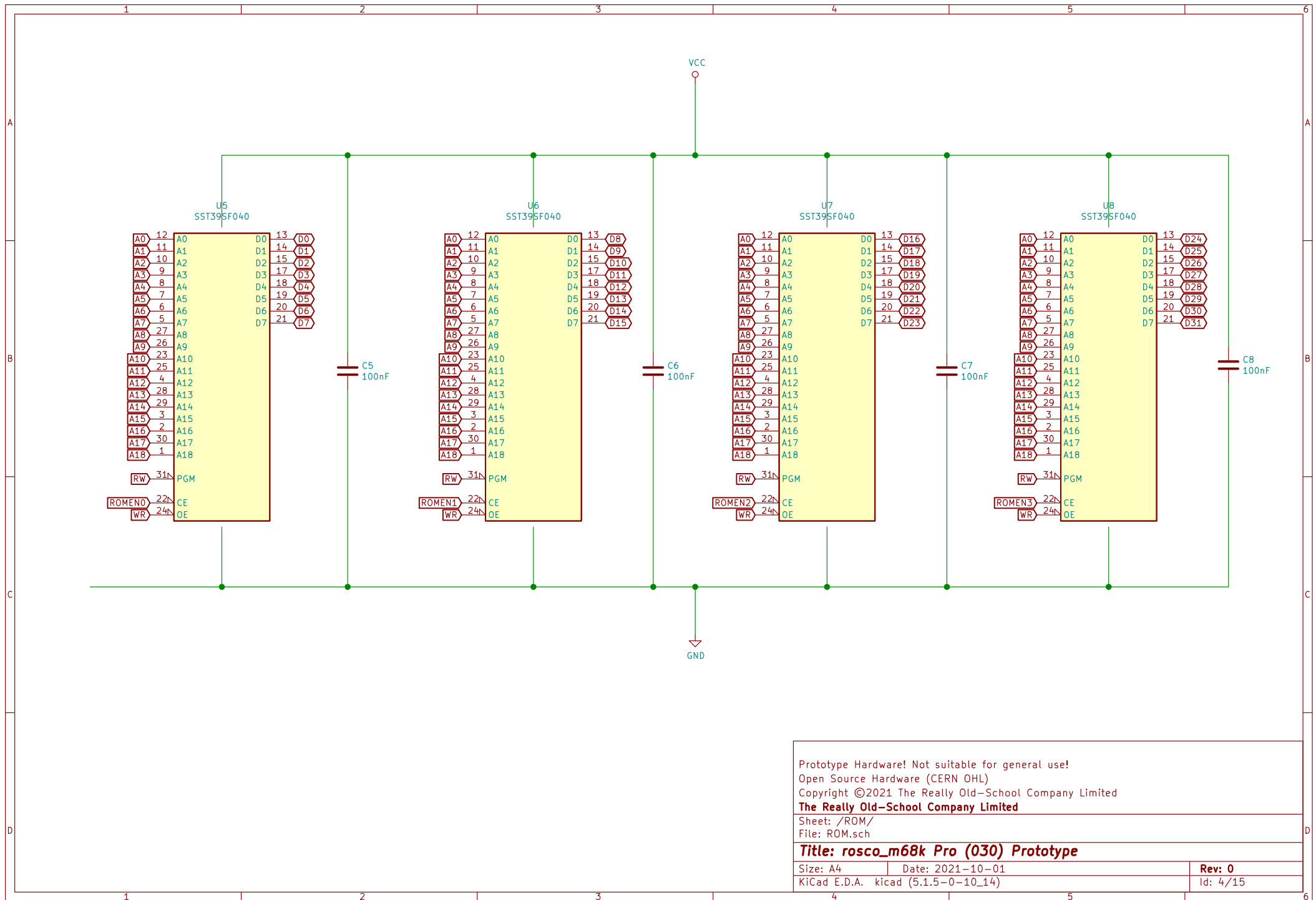
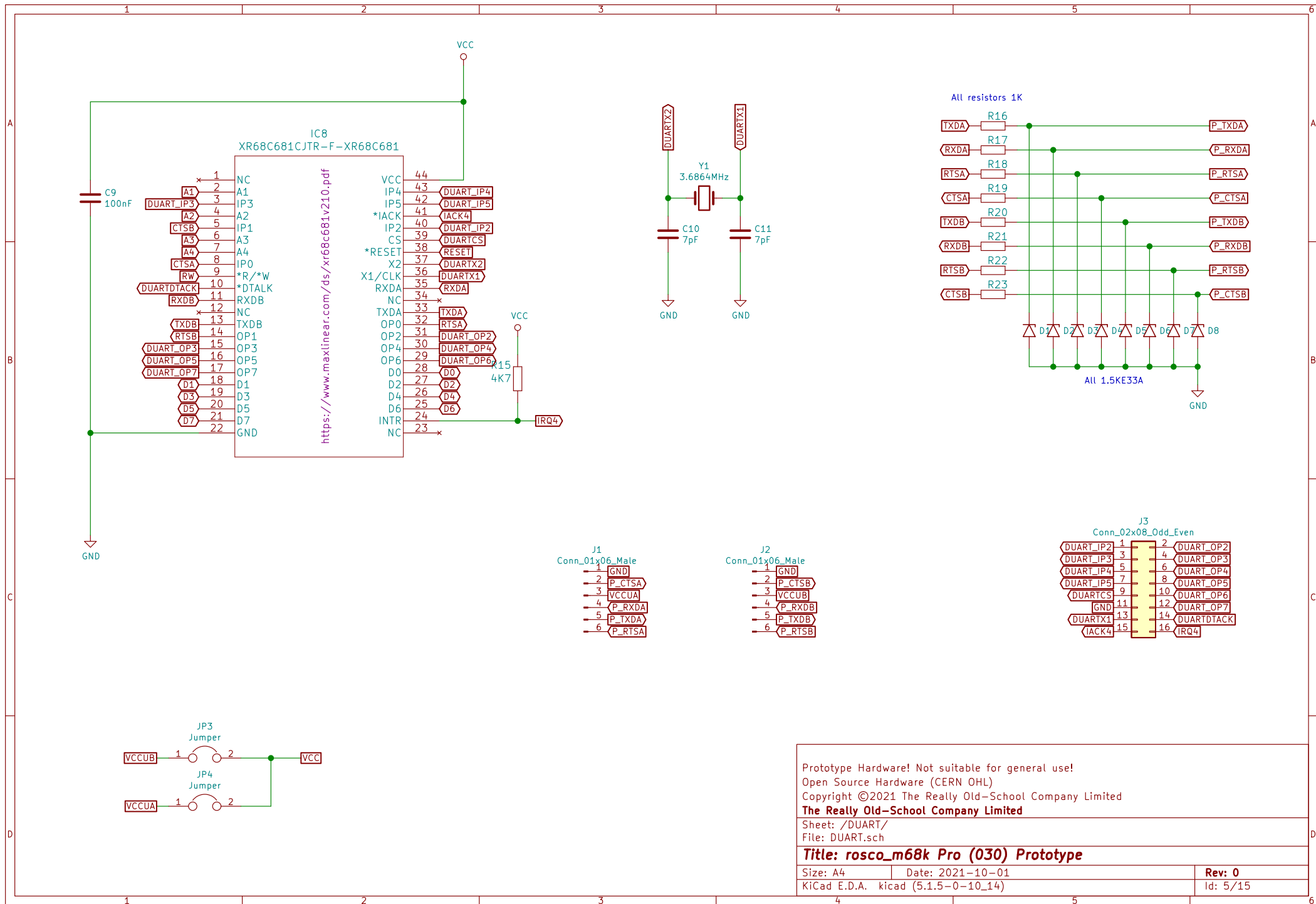


	1	2	3	4	5	6	
A							
B	<div>Sheet: CPU</div> <div>File: CPU.sch</div>	<div>Sheet: RESET</div> <div>File: RESET.sch</div>	<div>Sheet: GLUE</div> <div>File: GLUE.sch</div>	<div>Sheet: RAM</div> <div>File: RAM.sch</div>	<div>Sheet: ROM</div> <div>File: ROM.sch</div>	<div>Sheet: DUART</div> <div>File: DUART.sch</div>	<div>Sheet: GALs</div> <div>File: GALs.sch</div>
C	<div>Sheet: POWER</div> <div>File: POWER.sch</div>	<div>Sheet: TESTPOINTS</div> <div>File: TESTPOINTS.sch</div>	<div>Sheet: XOSERA</div> <div>File: XOSERA.sch</div>	<div>Sheet: LEVELSHIFT</div> <div>File: LEVELSHIFT.sch</div>	<div>Sheet: INTERRUPTS</div> <div>File: INTERRUPTS.sch</div>	<div>Sheet: INTERFACE</div> <div>File: INTERFACE.sch</div>	<div>Sheet: UNUSED/MECH</div> <div>File: UNUSED.sch</div>
D	<div>Prototype Hardware! Not suitable for general use!</div> <div>Open Source Hardware (CERN OHL)</div> <div>Copyright ©2021 The Really Old-School Company Limited</div> <div>The Really Old-School Company Limited</div> <div>Sheet: /</div> <div>File: rosco_pro_030_proto.sch</div> <div>Title: rosco_m68k Pro (030) Prototype</div> <div><div>Size: A4</div><div>Date: 2021-10-01</div><div>KiCad E.D.A. kicad (5.1.5-0-10_14)</div></div> <div><div>Rev: 0</div><div>Id: 1/15</div></div>						
	1	2	3	4	5	6	









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Sheet: /DUART/  
File: DUART.sch

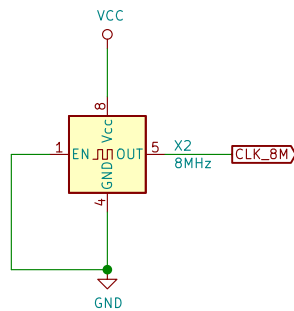
### Title: rosco\_m68k Pro (030) Prototype

Size: A4 Date: 2021-10-01

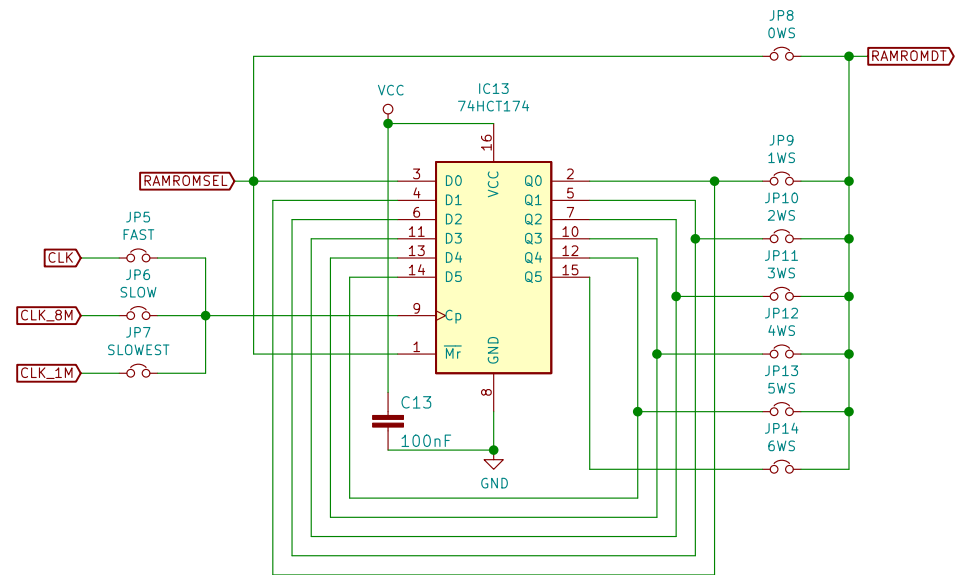
KiCad E.D.A. kicad (5.1.5-0-10\_14)

Rev: 0

Id: 5/15



8MHz (FOR AUXILIARY CLOCKS / WATCHDOGS)



RAM/ROM DACK DELAY CIRCUIT  
N.B. RAMROMSEL AND RAMROMDT ARE ACTIVE HIGH!

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Sheet: /GLUE/  
File: GLUE.sch

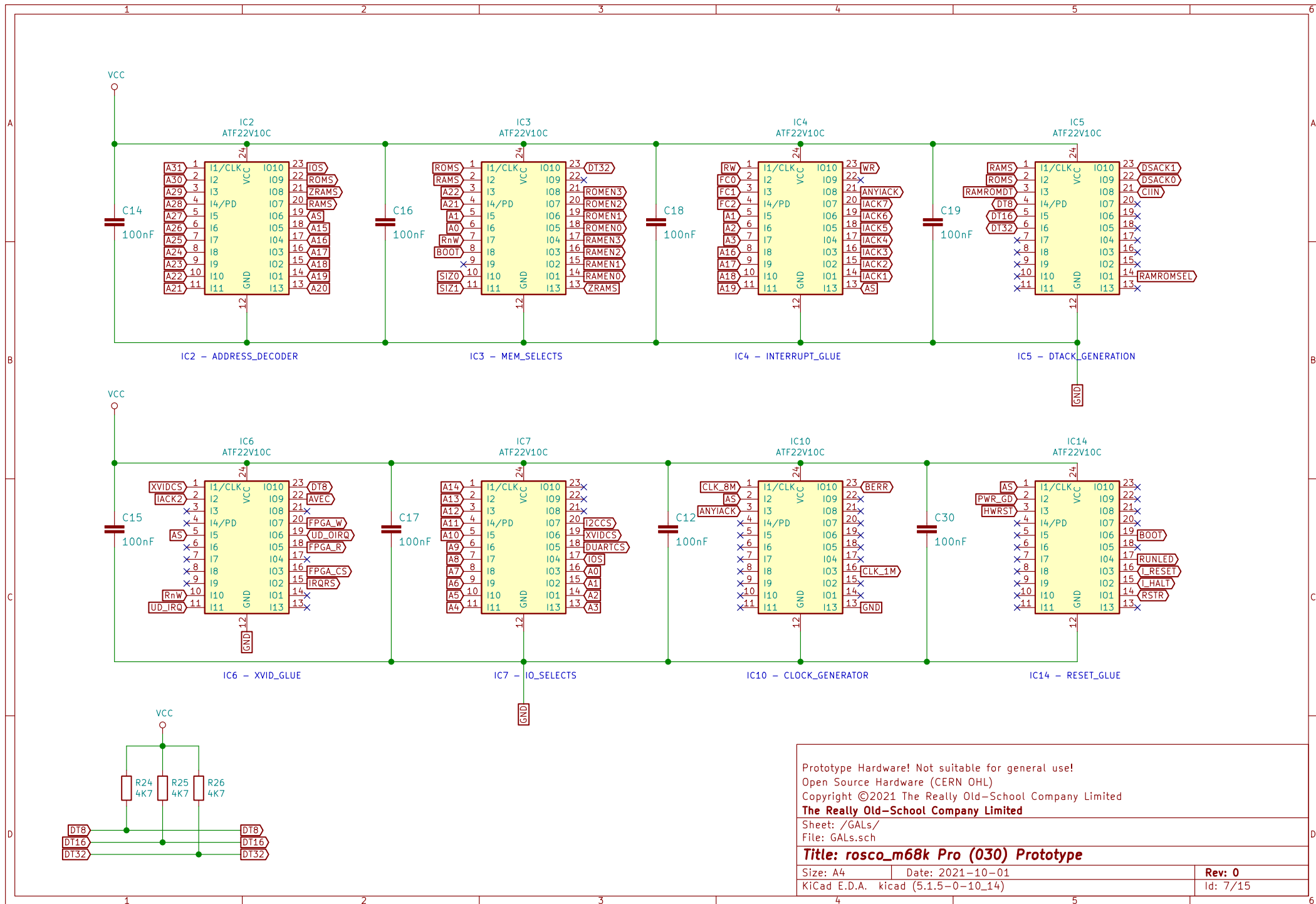
**Title: rosco\_m68k Pro (030) Prototype**

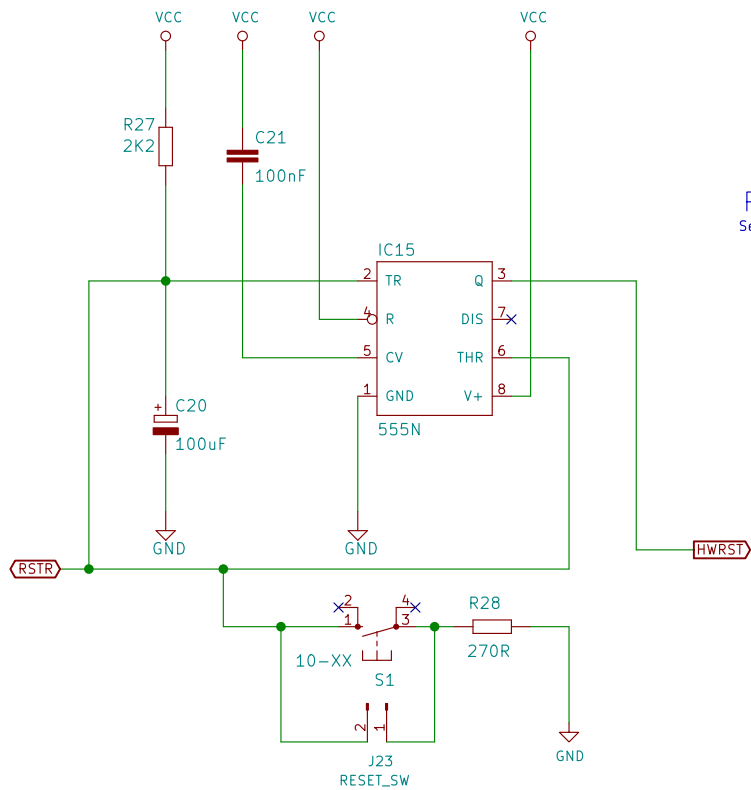
Size: A4 Date: 2021-10-01

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Rev: 0

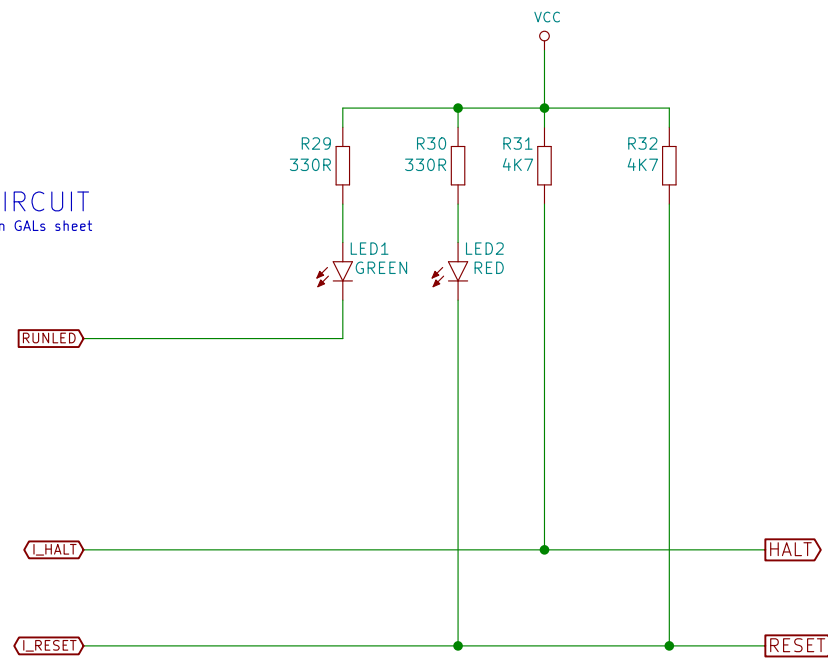
Id: 6/15





## RESET CIRCUIT

See also IC14 on GALs sheet



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Sheet: /RESET/  
 File: RESET.sch

**Title: rosco\_m68k Pro (030) Prototype**

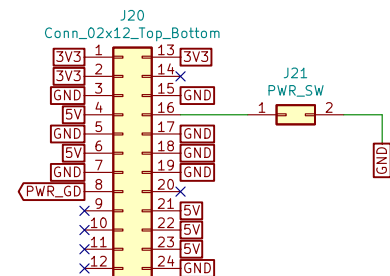
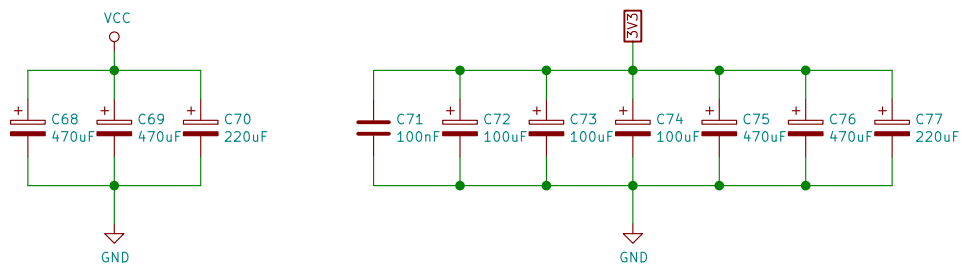
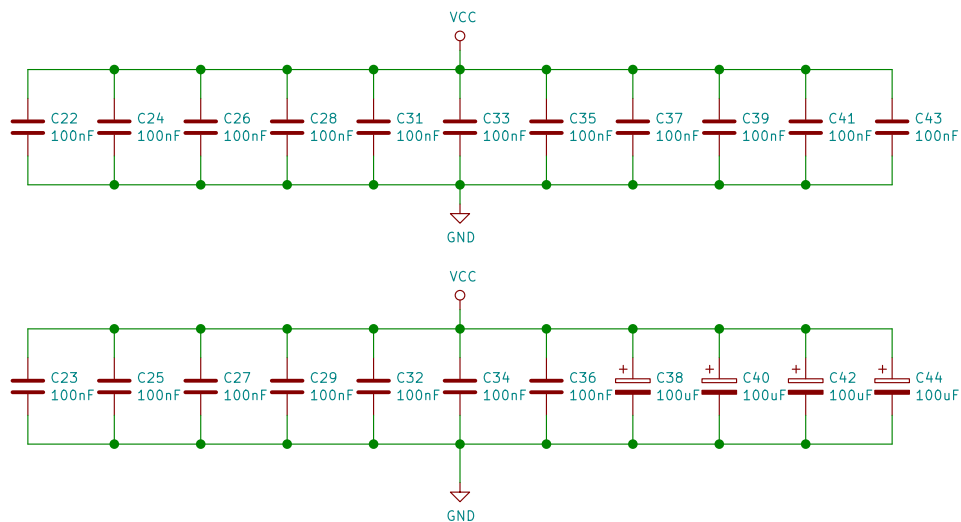
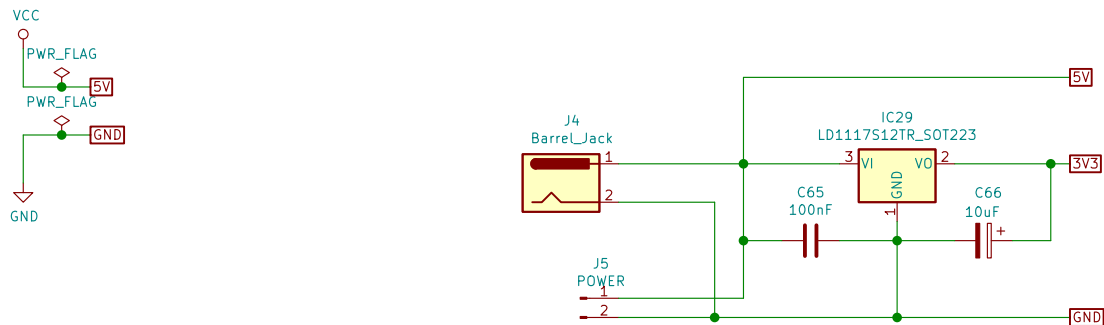
Size: A4 Date: 2021-10-01

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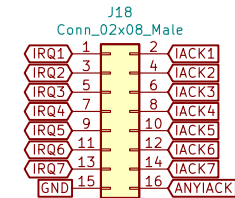
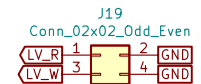
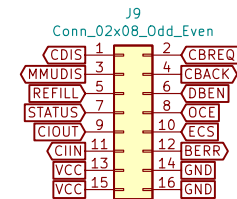
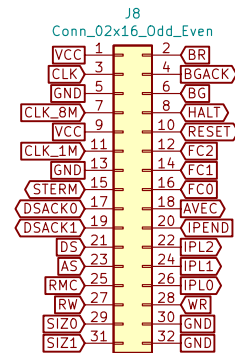
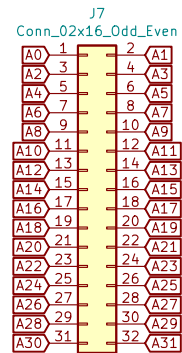
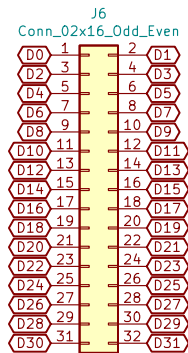
Sheet: /POWER/  
 File: POWER.sch

**Title: rosco\_m68k Pro (030) Prototype**

Size: A4  
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All headers are provided for prototype development & testing only.  
They are unlikely to appear in this configuration in the final design!



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Sheet: /TESTPOINTS/  
File: TESTPOINTS.sch

**Title: rosco\_m68k Pro (030) Prototype**

Size: A4 Date: 2021-10-01

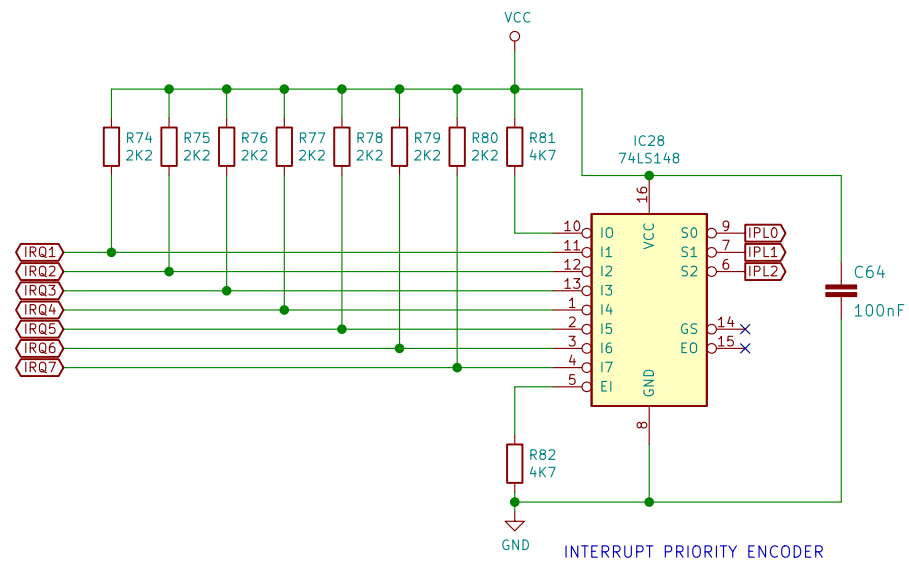
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Id: 10/15







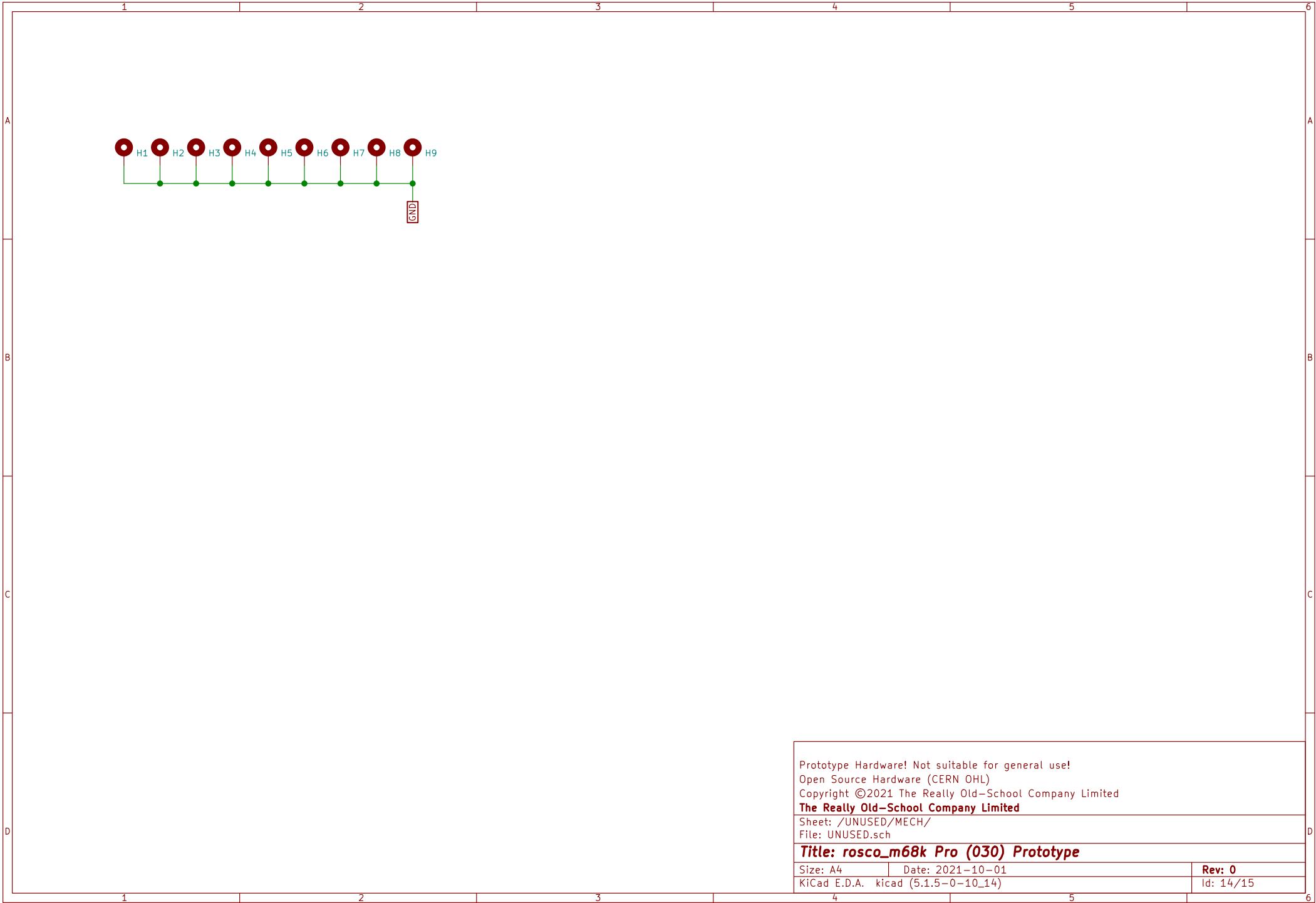
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Sheet: /INTERRUPTS/  
 File: INTERRUPTS.sch

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Sheet: /UNUSED/MECH/  
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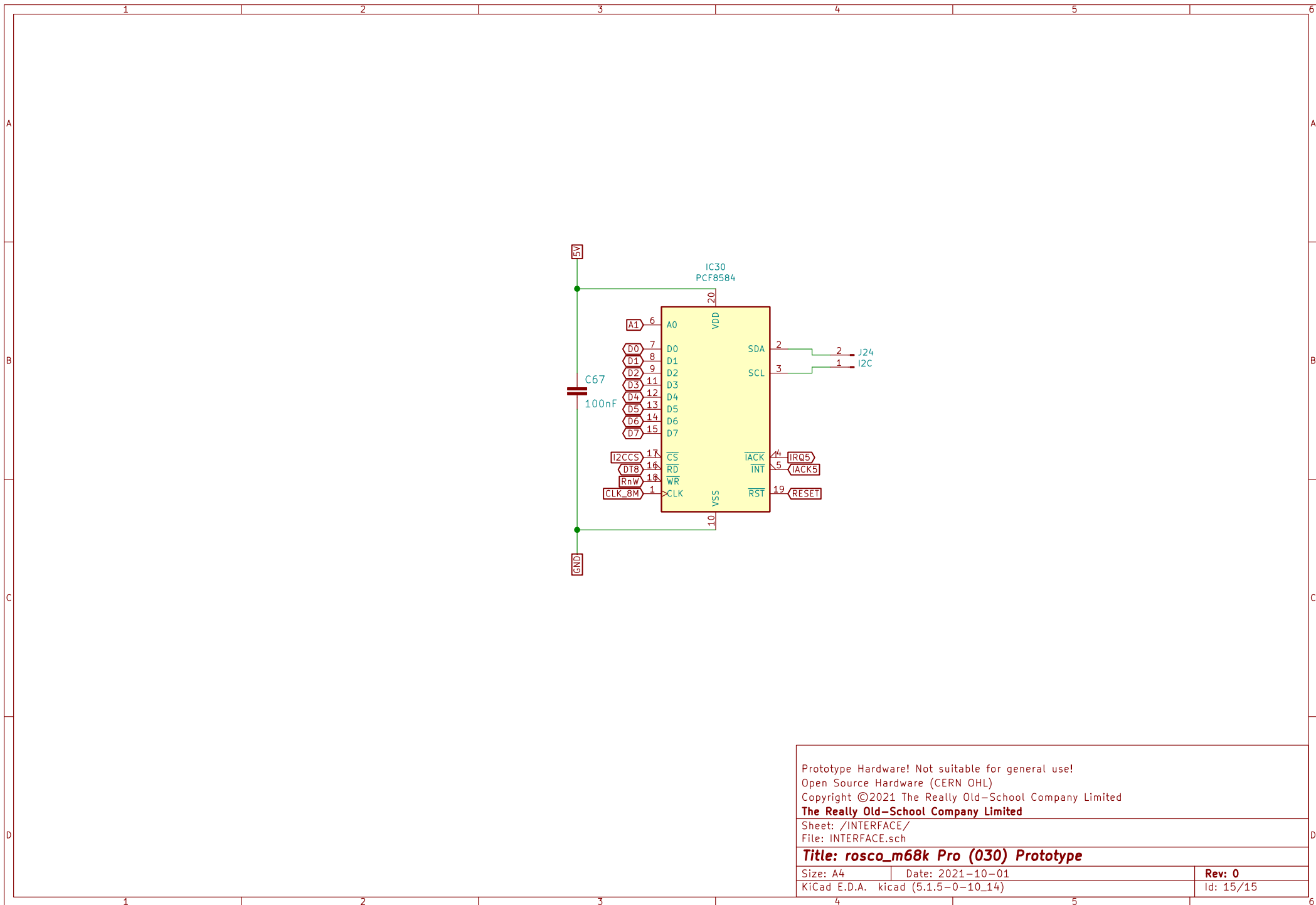
**Title: rosco\_m68k Pro (030) Prototype**

Size: A4 Date: 2021-10-01

**Rev: 0**

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Sheet: /INTERFACE/  
File: INTERFACE.sch

**Title: rosco\_m68k Pro (030) Prototype**

Size: A4  
KiCad E.D.A. kicad (5.1.5-0-10\_14)

Date: 2021-10-01

Rev: 0  
Id: 15/15