

Designers: Matthew Frances, Brian Cruz

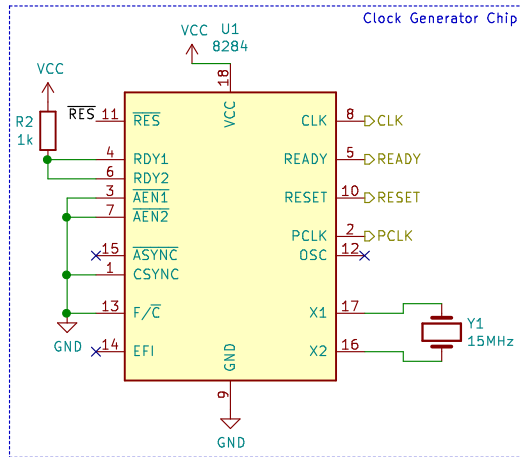
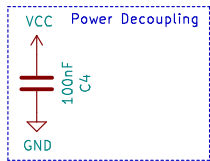
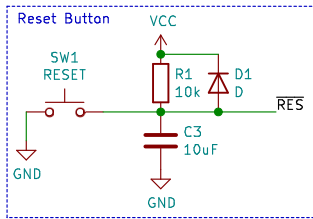
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File: external-connectors.sch

Title: external-connectors

Size: A4
KiCad E.D.A. kicad 5.1.10

Date:
Id: 2/15

Rev:



Designer: Matthew Frances
Editor: Brian Cruz

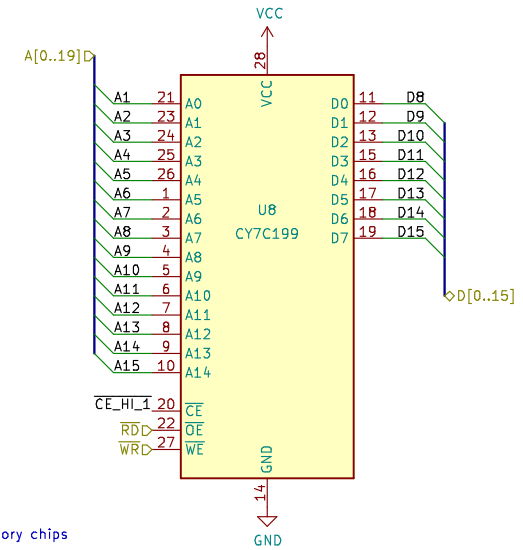
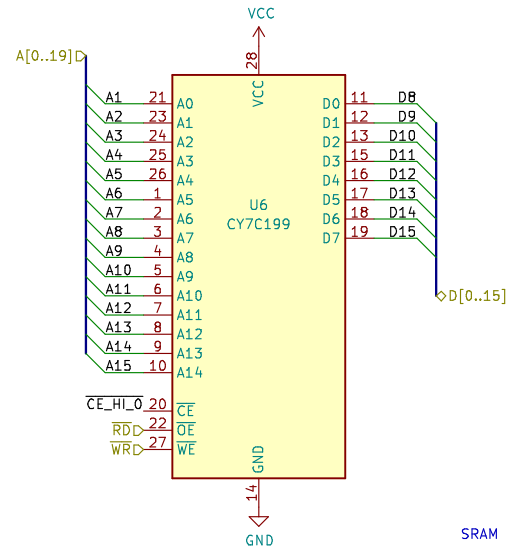
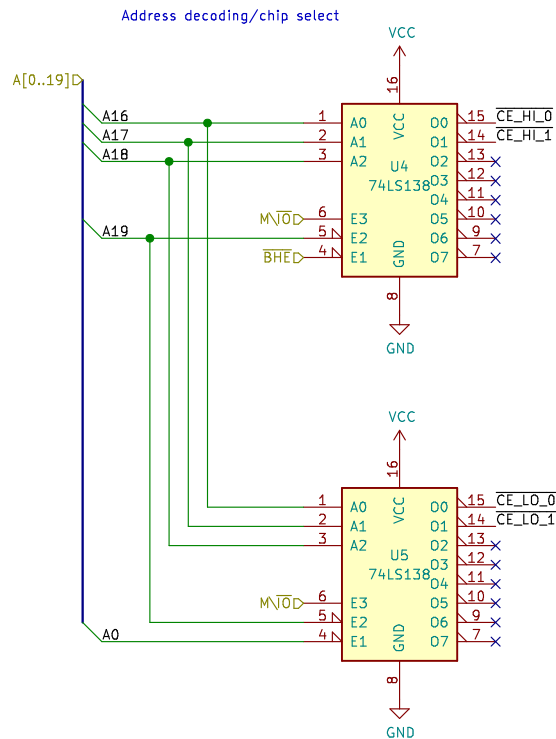
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File: clock-generator.sch

Title: clock-generator

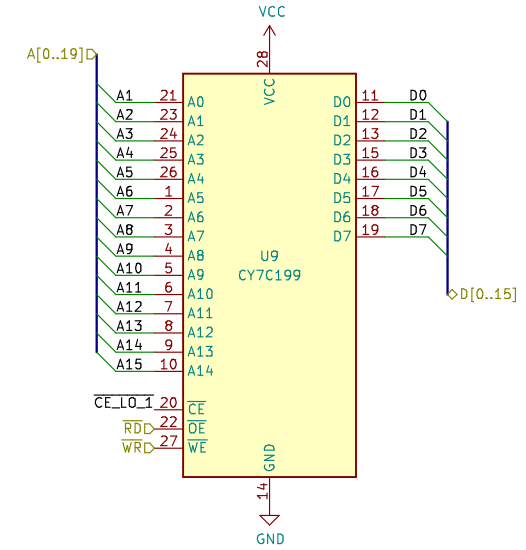
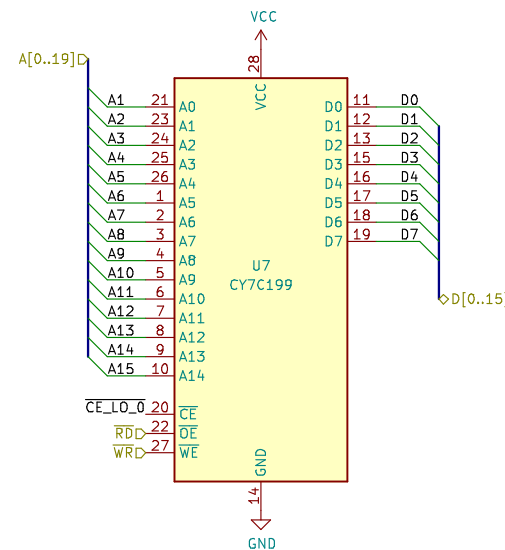
Size: A4
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Id: 3/15

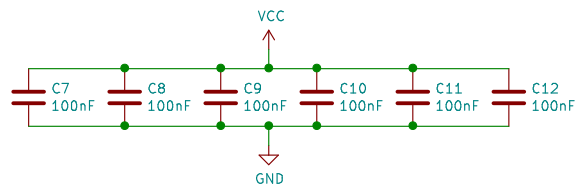
128kB SRAM
Addresses 0x00000 to 0x1FFFF



SRAM memory chips



Power decoupling



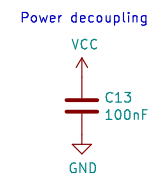
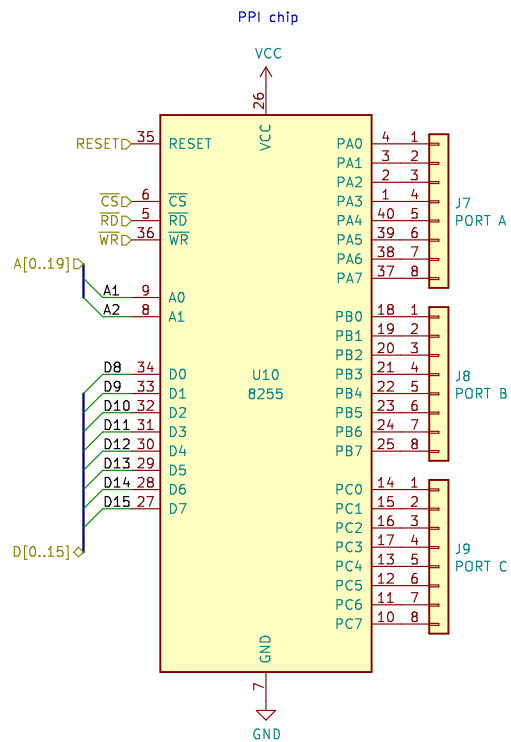
Designer: Brian Cruz
Editor: Matthew Frances

Sheet: /SRAM/
File: SRAM.sch

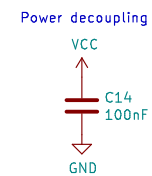
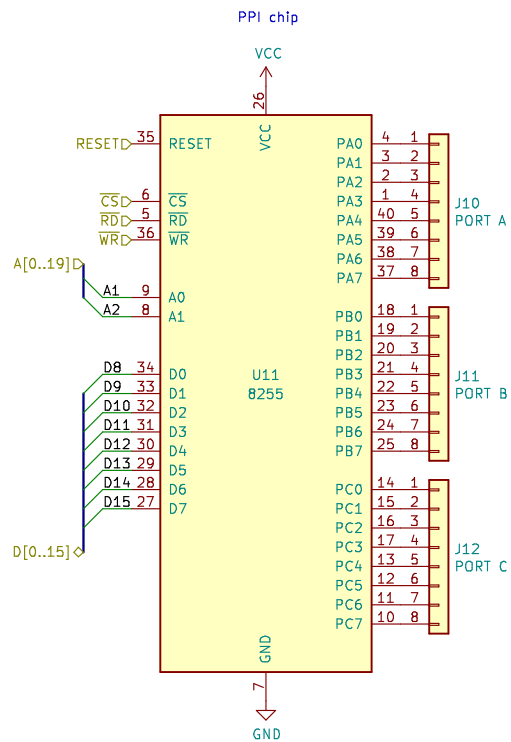
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Size: A4 Date:
KiCad E.D.A. kicad 5.1.10

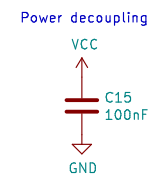
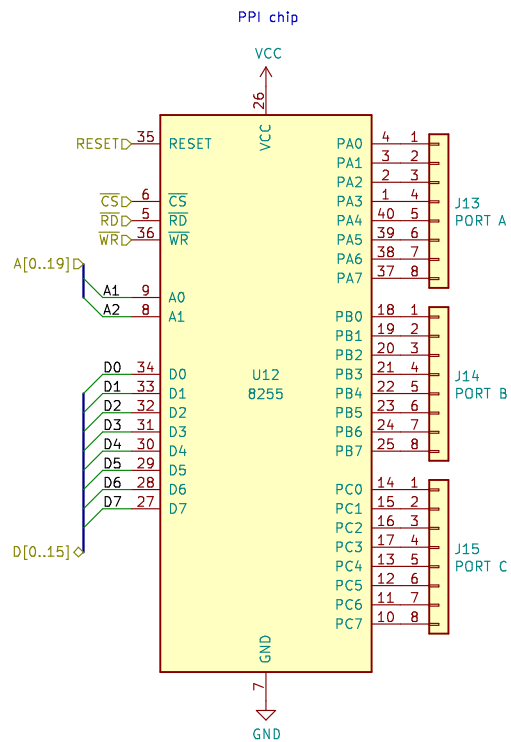
Rev:
Id: 5/15



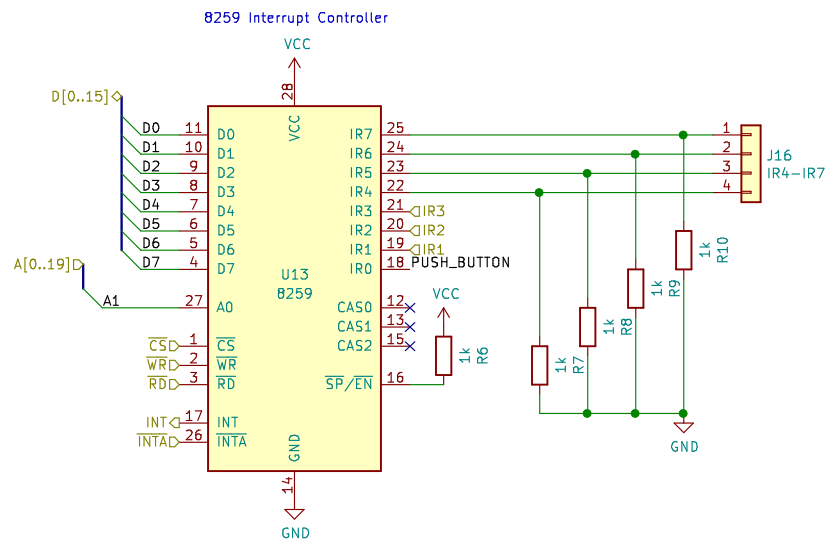
Designer: Brian Cruz		
Editor: Matthew Frances		
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File: peripheral-interface-odd.sch		
Title: Peripheral Interface		
Size: A4	Date:	Rev:
KiCad E.D.A. kicad 5.1.10		Id: 6/15



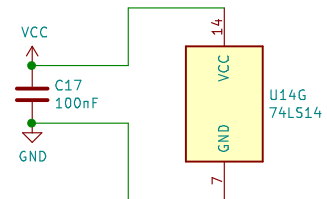
Designer: Brian Cruz		
Editor: Matthew Frances		
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Size: A4	Date:	Rev:
KiCad E.D.A. kicad 5.1.10		Id: 7/15



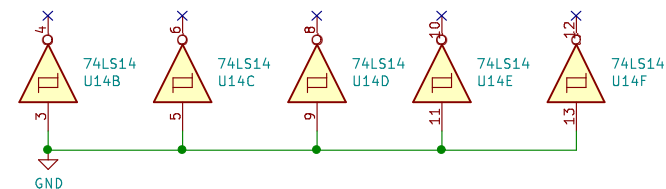
Designer: Brian Cruz		
Editor: Matthew Frances		
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Size: A4	Date:	Rev:
KiCad E.D.A. kicad 5.1.10		Id: 8/15



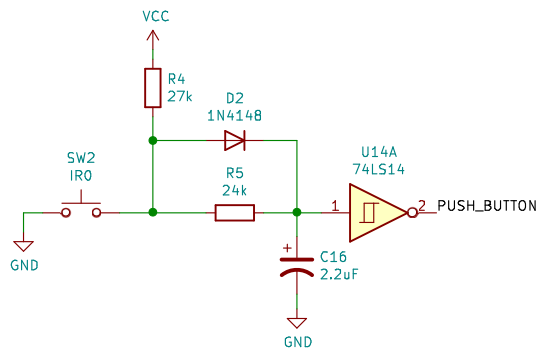
Power decoupling



Unused Gates



Push button pull-up and debounce



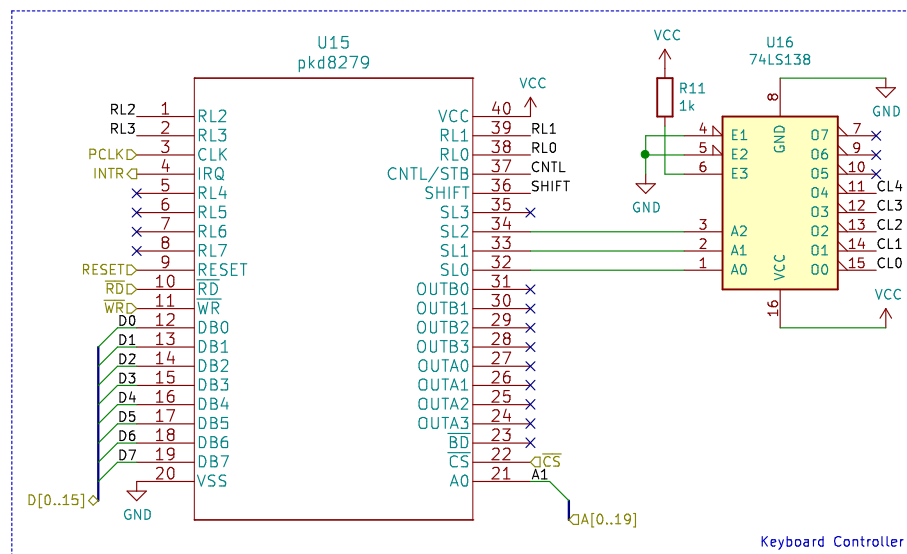
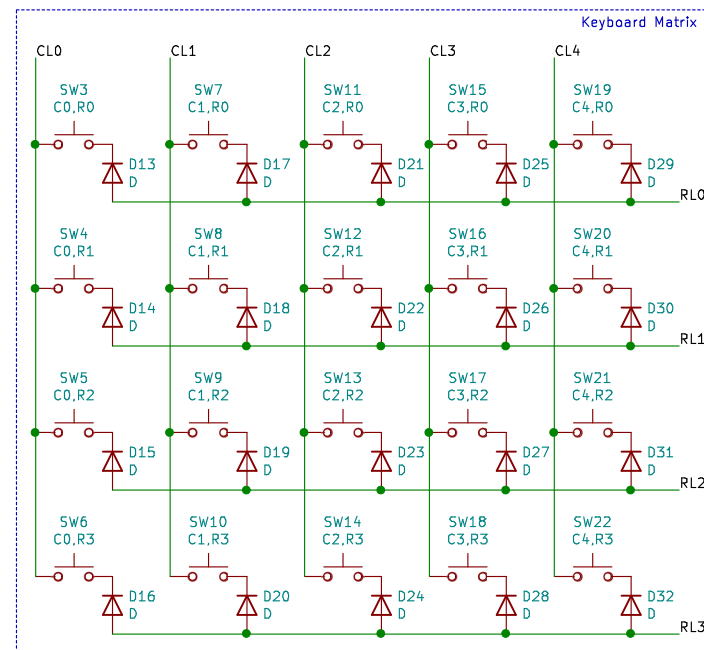
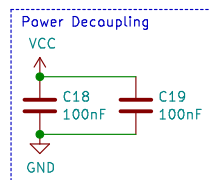
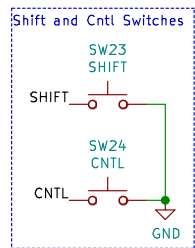
Designer: Brian Cruz
Editor: Matthew Frances

Sheet: /interrupt-controller/
File: interrupt-controller.sch

Title: Interrupt Controller

Size: A4
KiCad E.D.A. kicad 5.1.10

Date:
Rev: 9/15



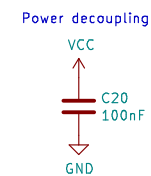
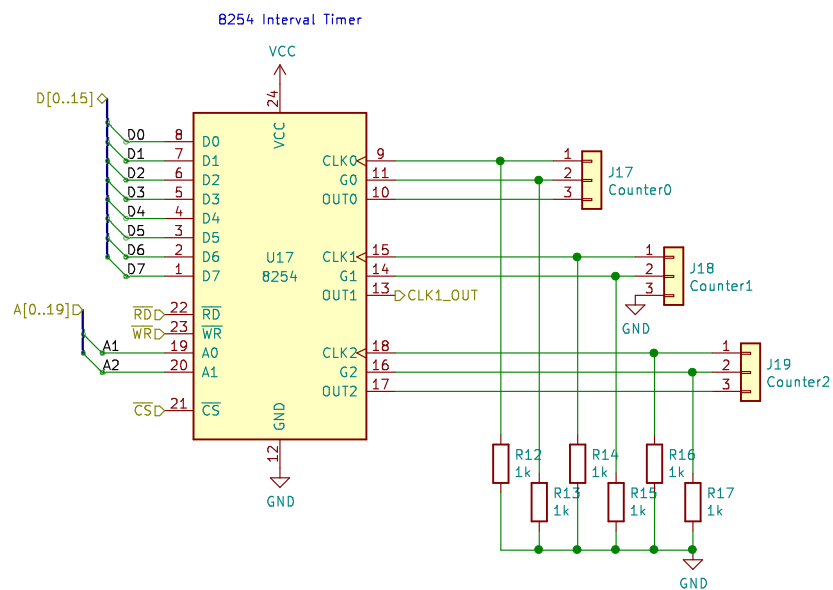
Designer: Matthew Frances
Editor: Brian Cruz

Sheet: /8279-keyboard/
File: 8279-keyboard.sch

Title: 8279-keyboard

Size: A4
KiCad E.D.A. kicad 5.1.10

Date:
Id: 10/15



Designer: Brian Cruz
Editor: Matthew Frances

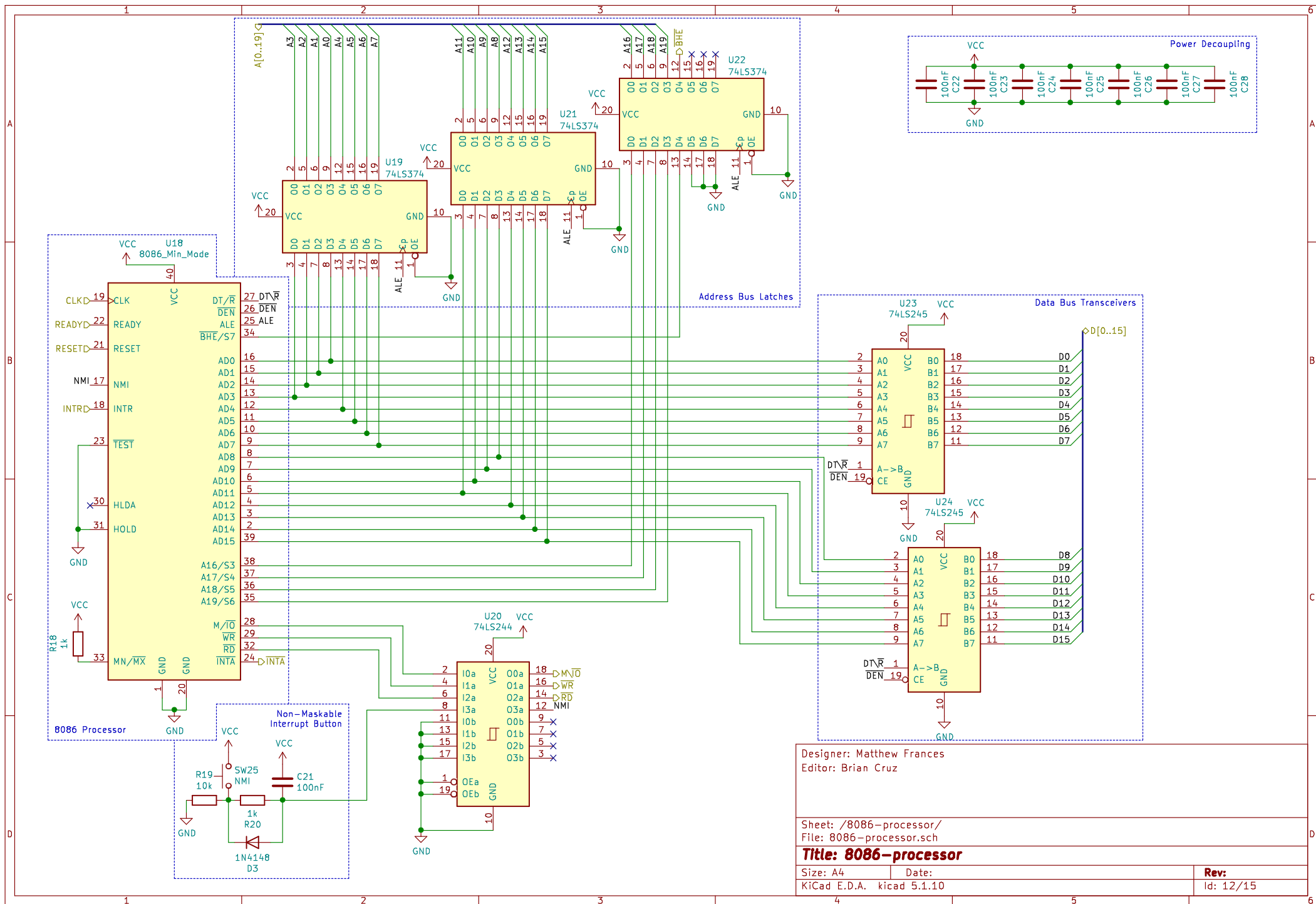
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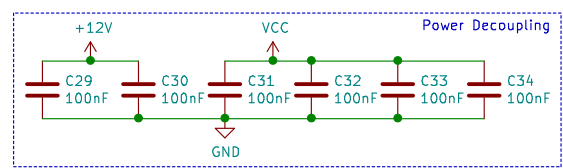
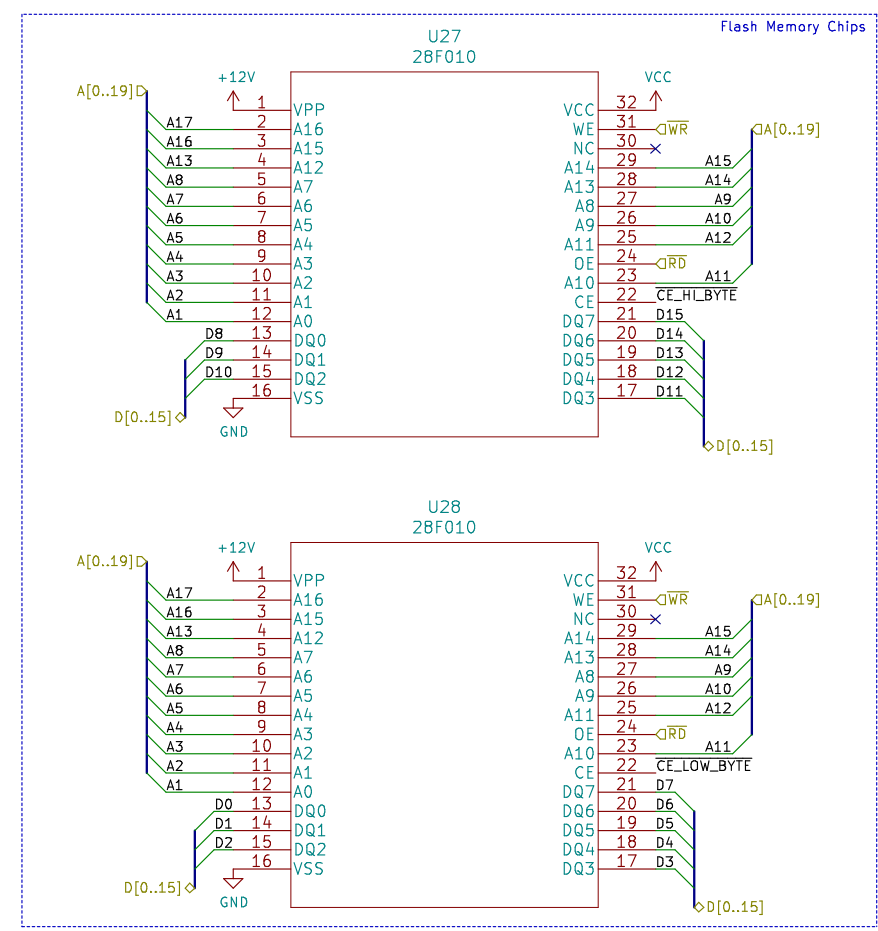
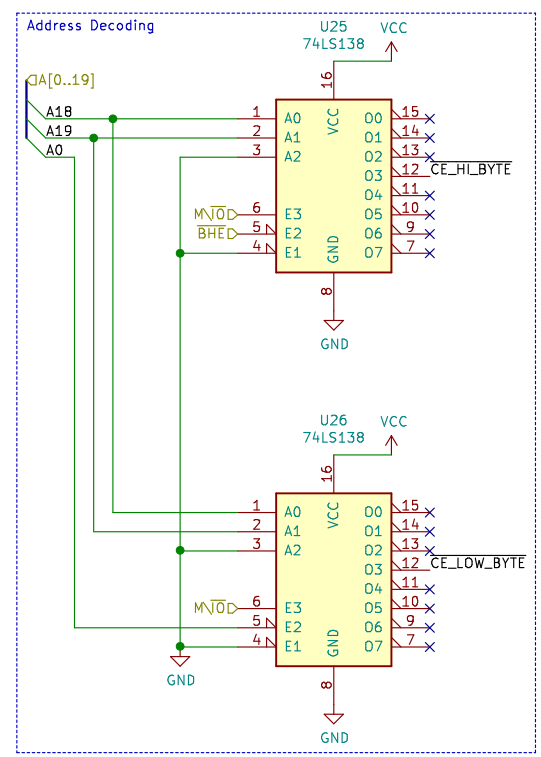
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Date:
Id: 11/15

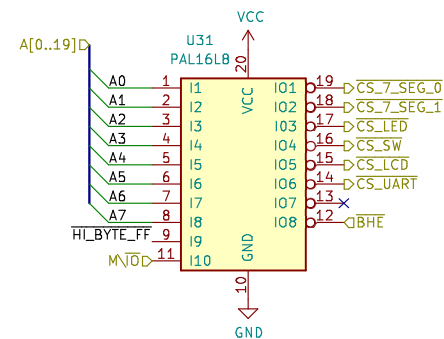
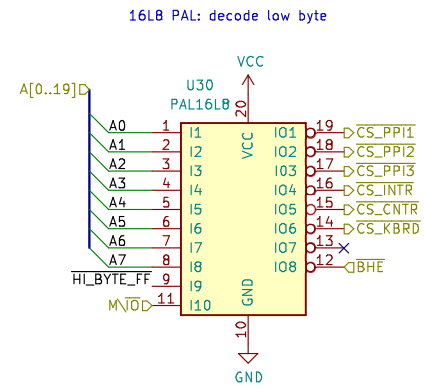
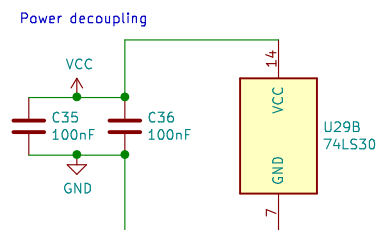
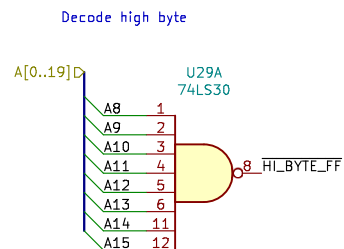
Rev:



256kB CMOS Flash
Addresses 0xC0000 to 0xFFFFF



Designer: Matthew Frances	
Editor: Brian Cruz	
Sheet: /CMOS-flash/	
File: CMOS-flash.sch	
Title: CMOS-flash	
Size: A4	Date:
KiCad E.D.A. kicad 5.1.10	Rev: Id: 13/15



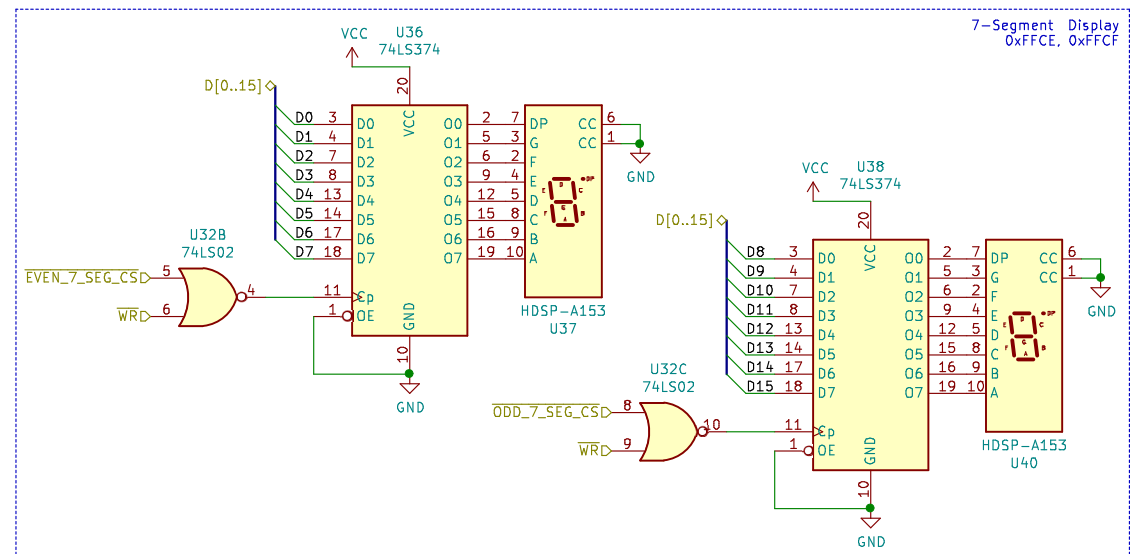
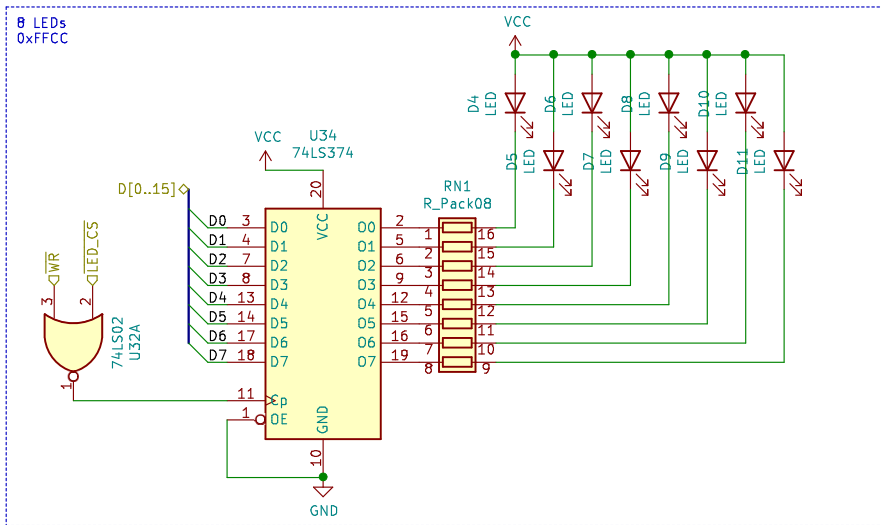
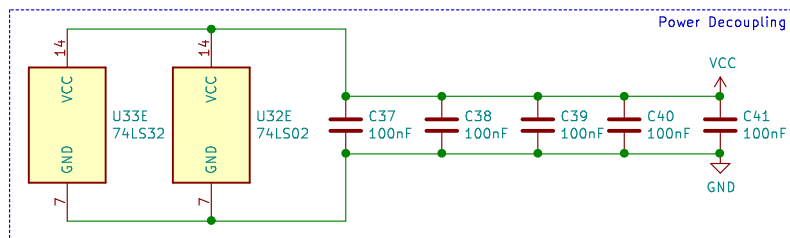
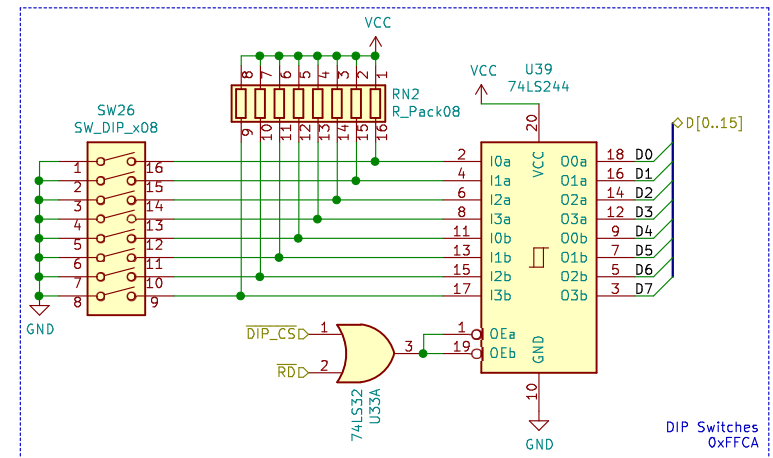
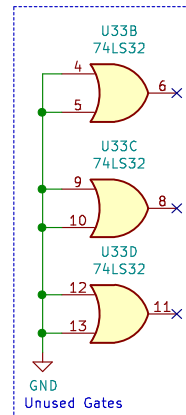
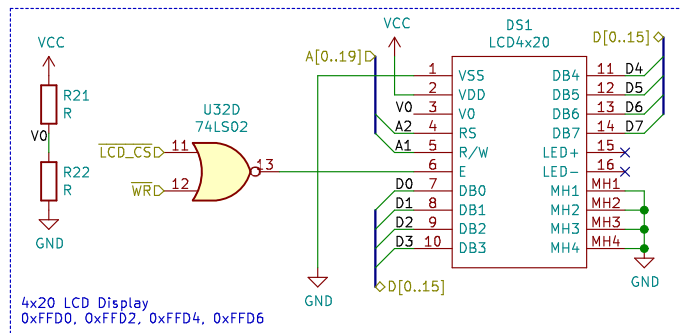
Designer: Brian Cruz
Editor: Matthew Frances

Sheet: /IO_addr_decode/
File: IO_addr_decode.sch

Title: IO Address Decode

Size: A4
KiCad E.D.A. kicad 5.1.10

Rev:
Id: 14/15



Designer: Matthew Frances
Editor: Brian Cruz

Sheet: /human-interfaces/
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Title: human-interfaces

Size: A4 Date:
KiCad E.D.A. kicad 5.1.10

Rev:
Id: 15/15