

A 6502-based computer with peripheral i/o offloaded to a PIC16 microcontroller.

<https://github.com/snorklerjoe/useful6502>

Joseph R. Freeston

Sheet: /
File: Homebrew6502Project.kicad_sch

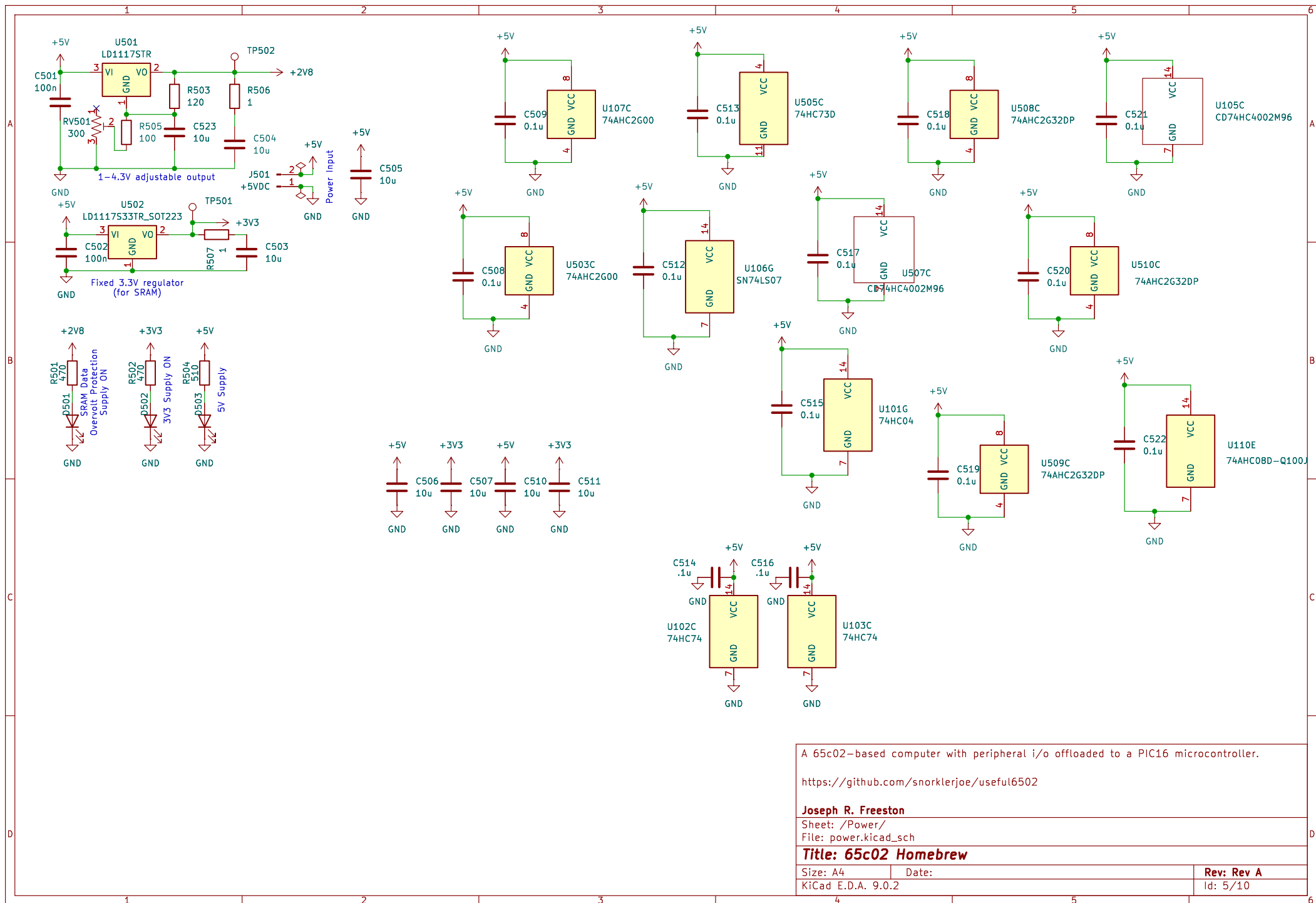
Title: 6502 Homebrew

Size: A4
KiCad E.D.A. 9.0.2

Date:

Rev: Rev A

Id: 1/10



A 65c02-based computer with peripheral i/o offloaded to a PIC16 microcontroller.

<https://github.com/snorklerjoe/useful6502>

Joseph R. Freeston

Sheet: /Power/

File: power.kicad_sch

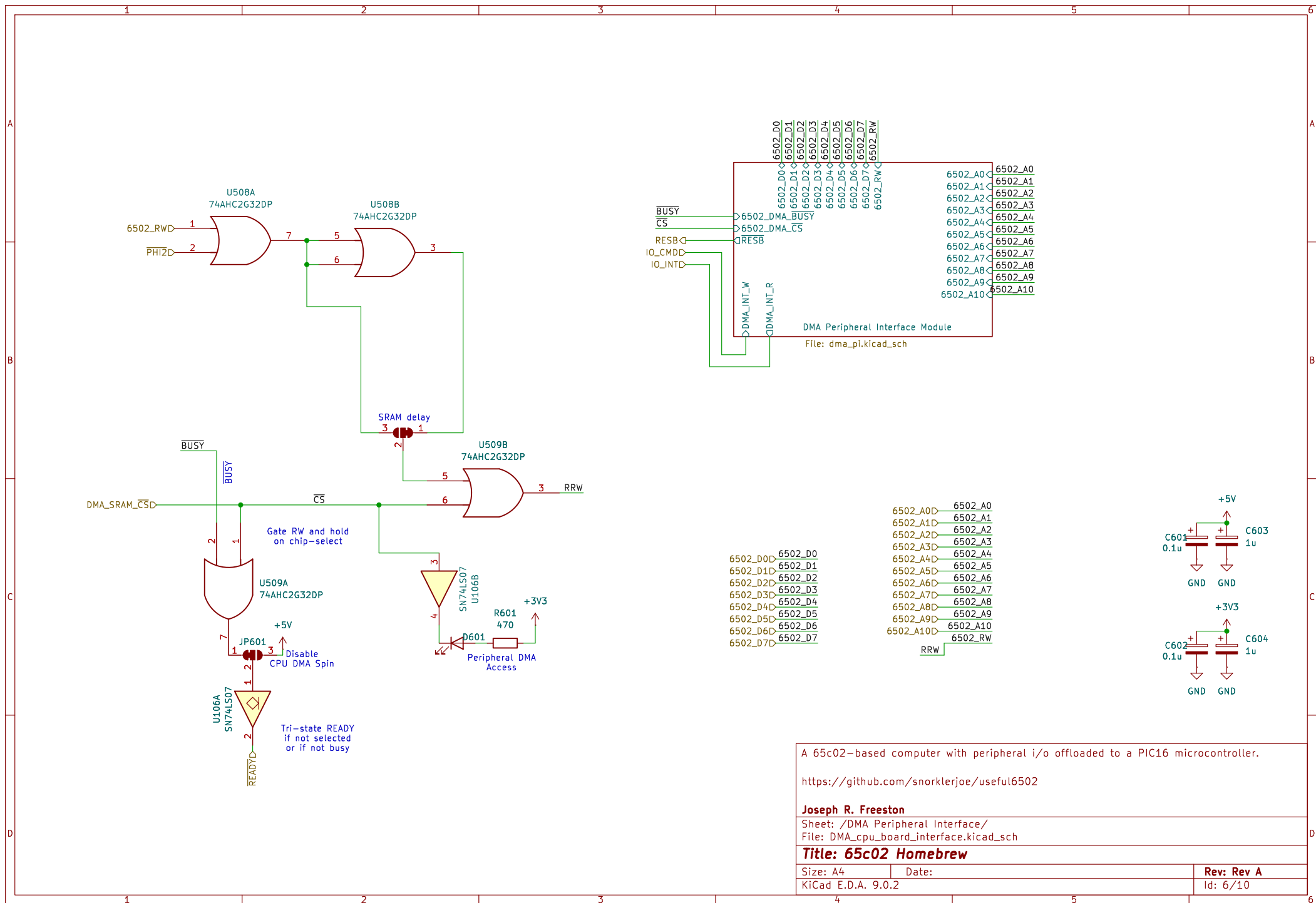
Title: 65c02 Homebrew

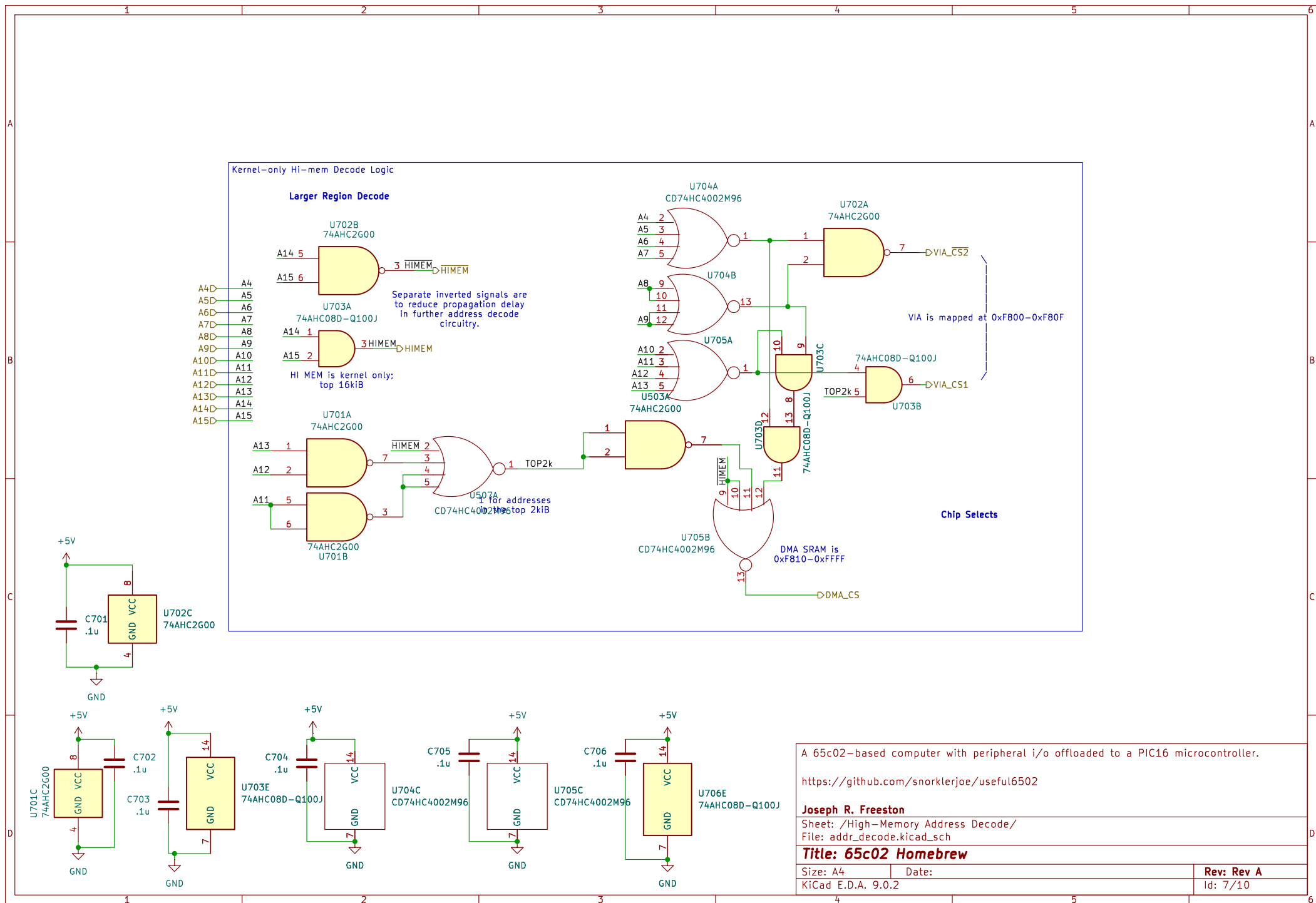
Size: A4 Date:

KiCad E.D.A. 9.0.2

Rev: Rev A

Id: 5/10





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Sheet: /High-Memory Address Decode/
File: addr_decode.kicad_sch

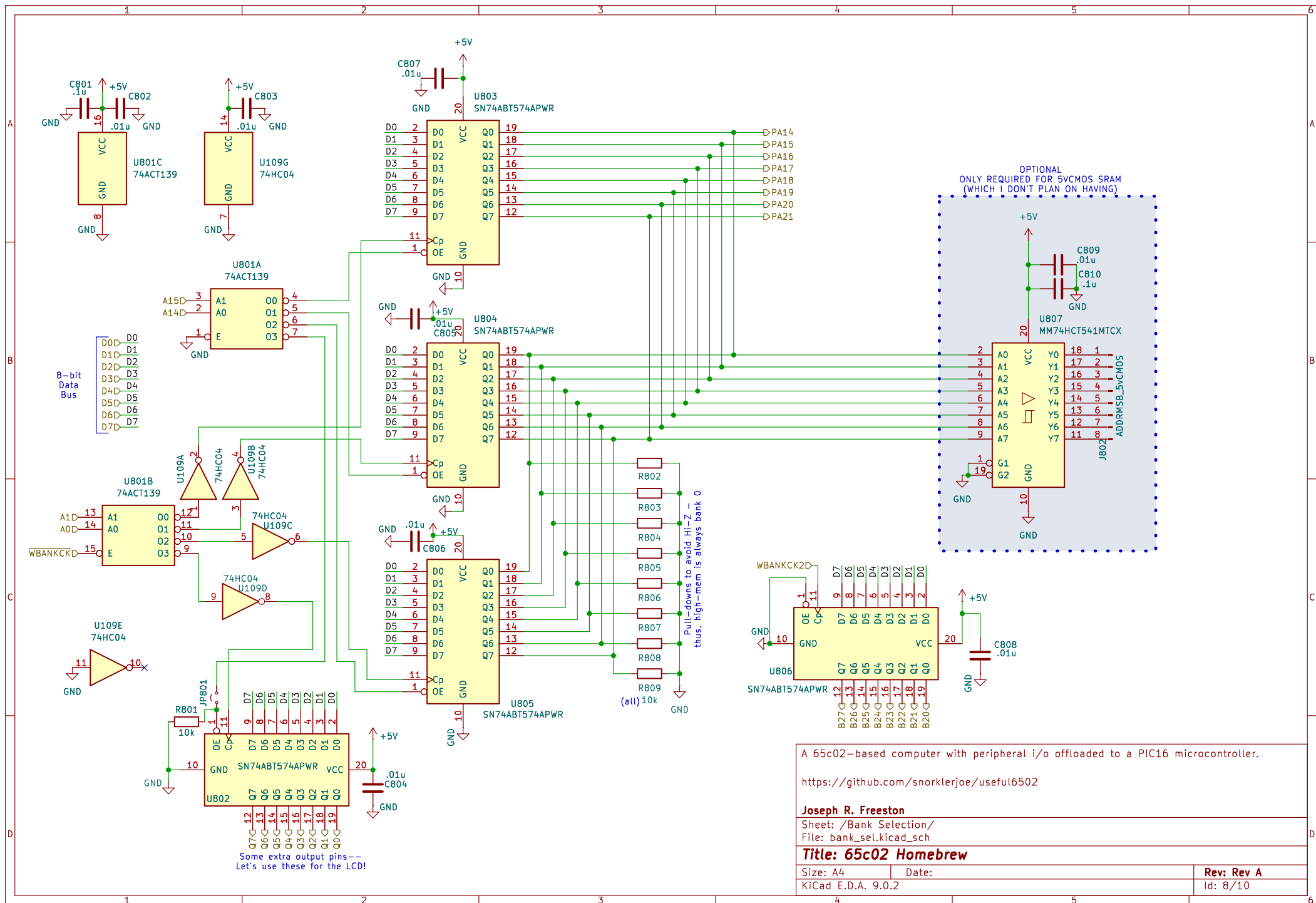
Title: 65c02 Homebrew

Size: A4 Date:

KiCad E.D.A. 9.0.2

Rev: Rev A

Id: 7/10



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Sheet: /Bank Selection/

File: bank_sel.kicad_sch

Title: 65c02 Homebrew

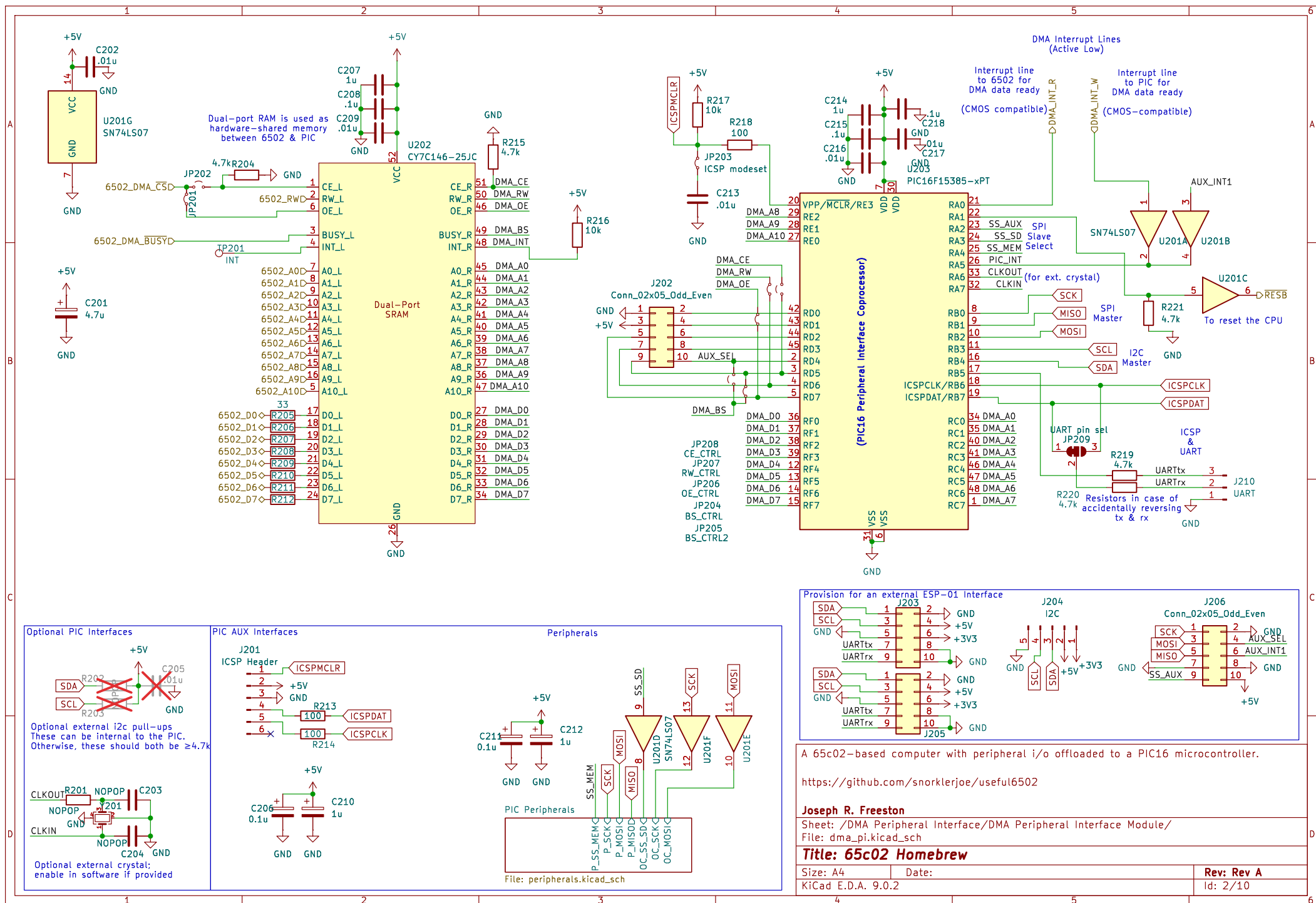
Size: A4

Date:

KiCad E.D.A. 9.0.2

Rev: Rev A

Id: 8/10



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Sheet: /DMA Peripheral Interface/DMA Peripheral Interface Module/
File: dma_pi.kicad_sch

Title: 6502 Homebrew

Size: A4

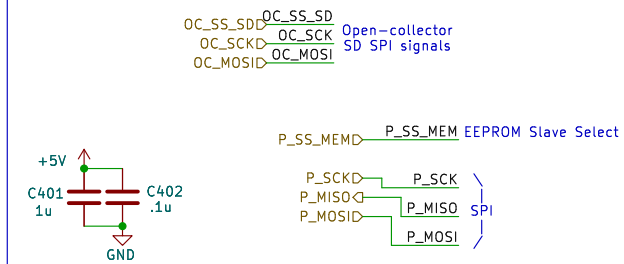
Date:

KiCad E.D.A. 9.0.2

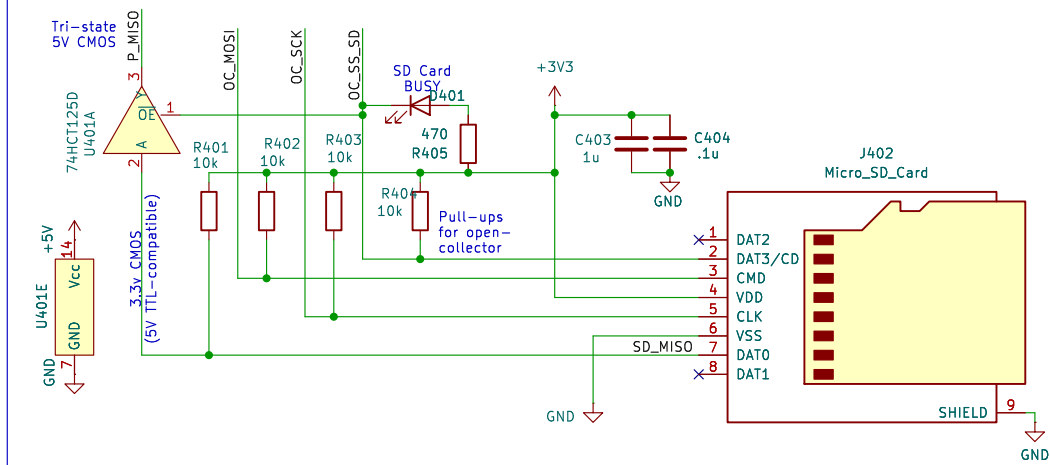
Rev: Rev A

Id: 2/10

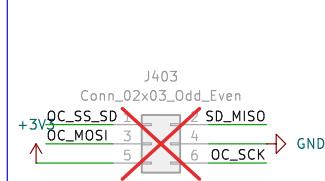
Interface from DMA Schematic



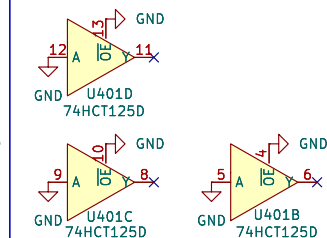
SD Card Hardware



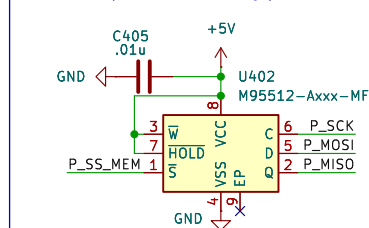
Optional, Provisionary Interfaces



Unused Components



SPI EEPROM (for 6502 boot image)



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Sheet: /DMA Peripheral Interface/DMA Peripheral Interface Module/PIC Peripherals/
File: peripherals.kicad_sch

Title: 65c02 Homebrew

Size: A4

Date:

Rev: Rev A

KiCad E.D.A. 9.0.2

Id: 4/10