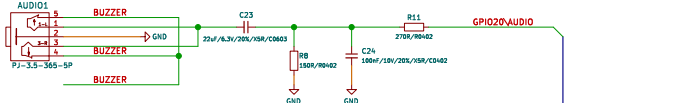
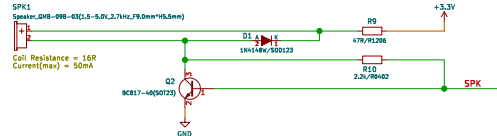


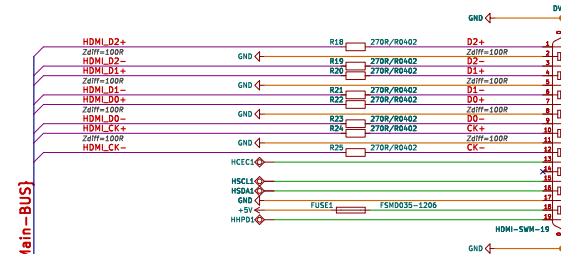
## Audio



{Main-BUS}

{Main-BUS}

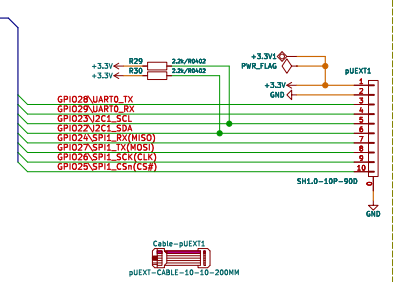
## DVI (Video Output)



{Main-BUS}

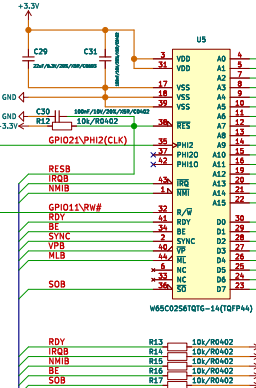
## UEXT

(Board's +3.3V Power Supply Input)



{Main-BUS}

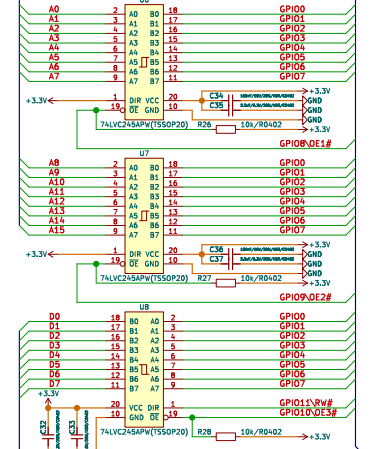
## 6502 MCU



{Main-BUS}

{Main-BUS}

{ADDRESS-BUS}

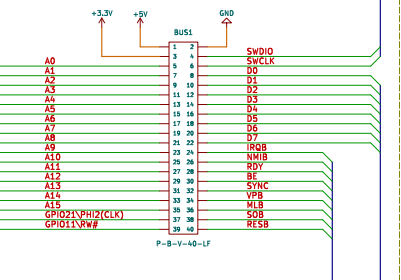


{Main-BUS}

{DATA-BUS}

{CTRL-BUS}

## 6502 BUS

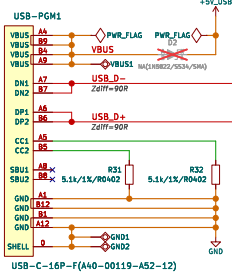


{Main-BUS}

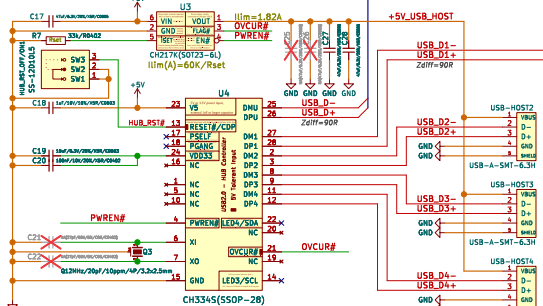
{DATA-BUS}

{CTRL-BUS}

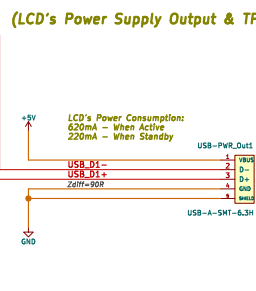
## USB-PGM (Firmware Upgrade)



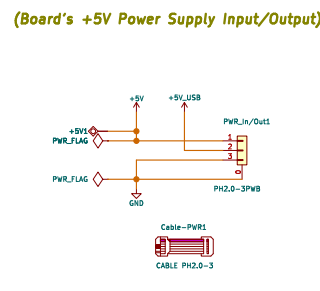
## USB-HUB



## USB-PWR\_Out (LCD's Power Supply Output & TP)



## +5V\_PWR\_In/Out (Board's +5V Power Supply Input/Output)



## Mounting Holes



## Fiducials



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open source hardware

Sheet: /  
File: Neo6502PC-CPU\_Rev\_B.kicad\_sch  
Title: Neo6502PC-CPU  
Size: A2 Date: 2020-03-21  
KICad E.D.A. kicad 7.0.11-7.0.11-ubuntu22.04.1  
Rev: B  
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