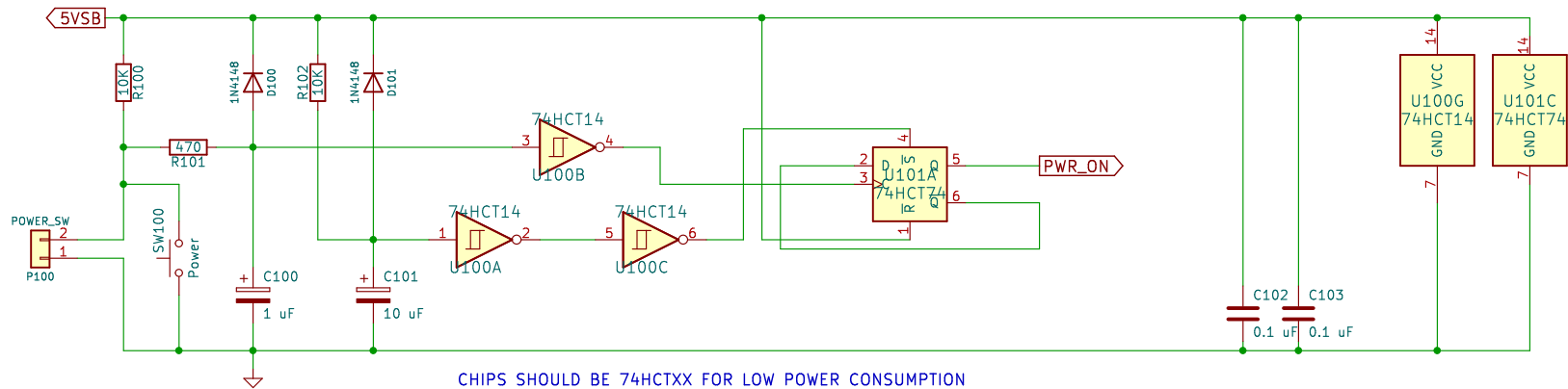
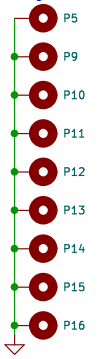


5V VSB
ATX Power Supply Control Circuit

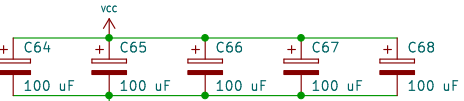
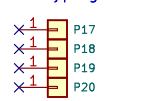


CHIPS SHOULD BE 74HCTXX FOR LOW POWER CONSUMPTION

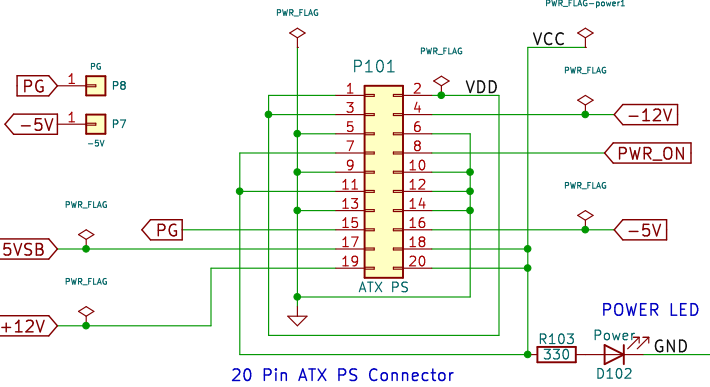
Mounting Holes



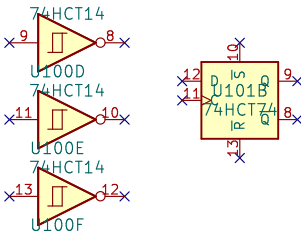
Prototyping Area



Note: distributed bulk capacitance such as Digikey P15112-ND



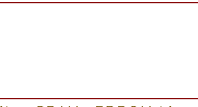
Spares



CPU



File: CPU.kicad_sch
SRAM-EPROM



File: SRAM-EPROM.kicad_sch
DRAM



File: DRAM.kicad_sch
IO



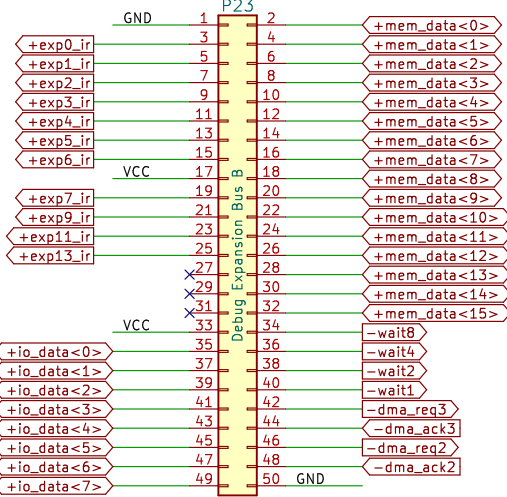
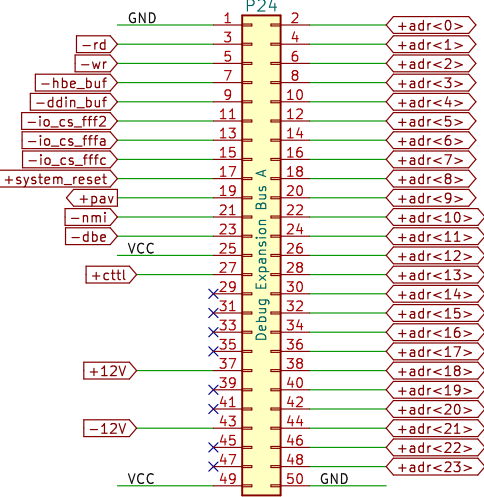
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Decoders



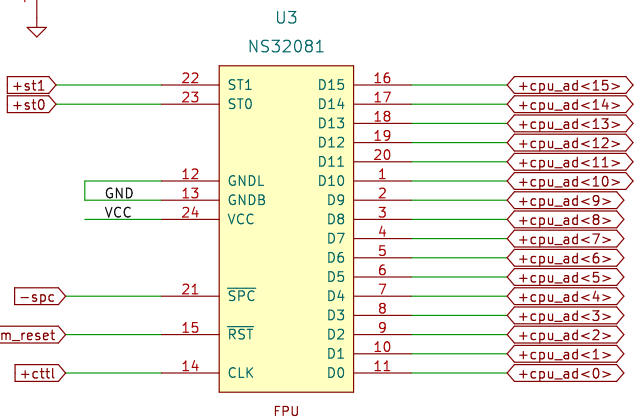
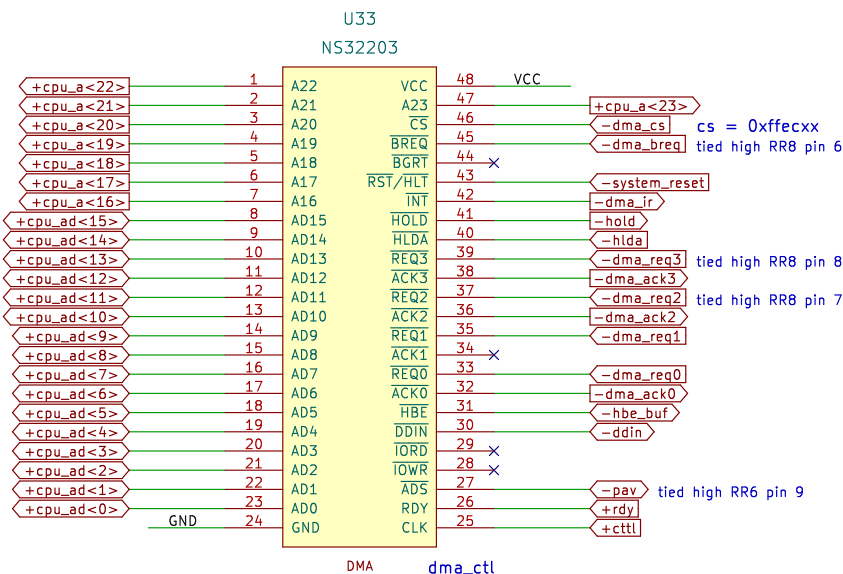
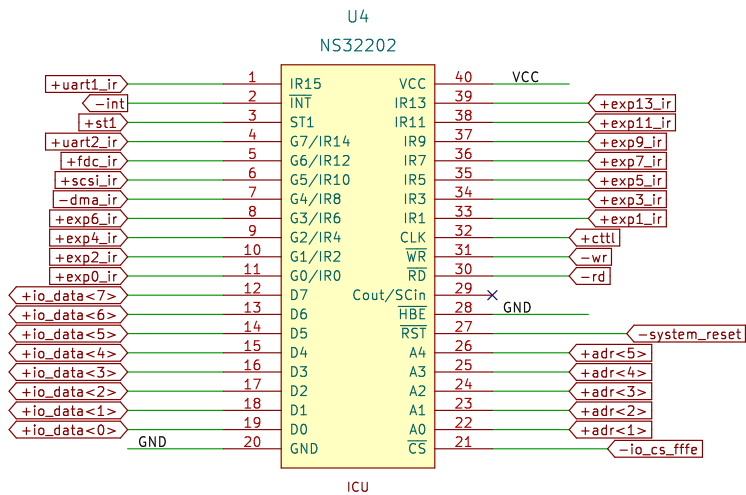
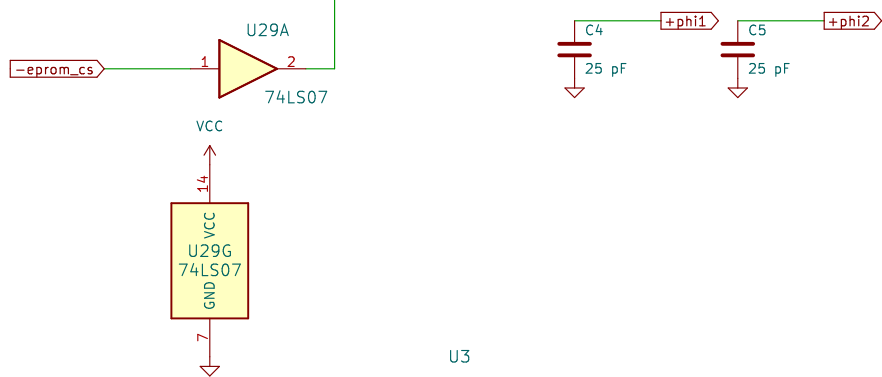
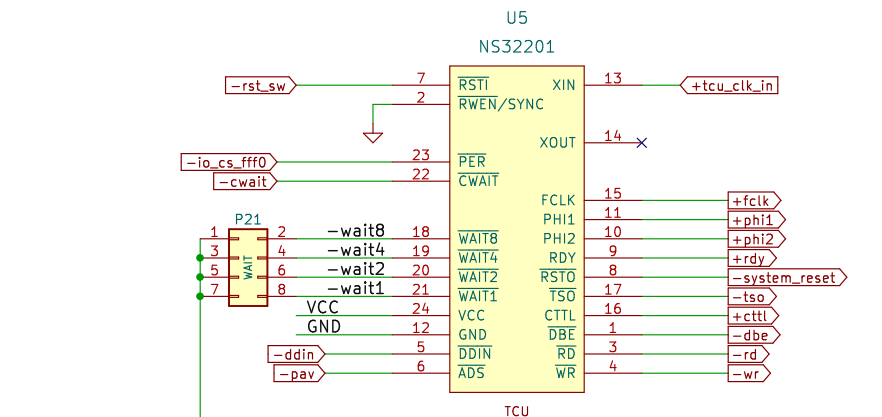
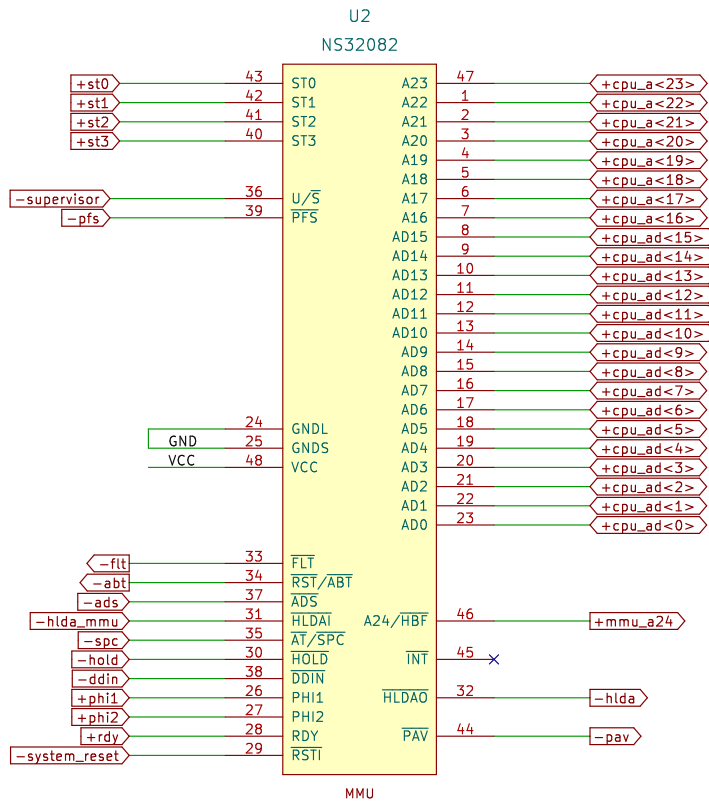
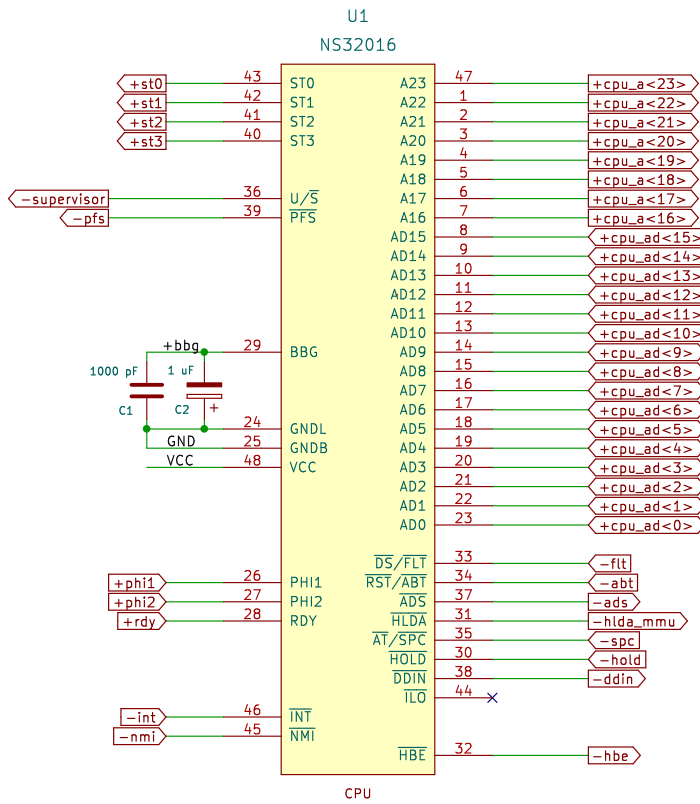
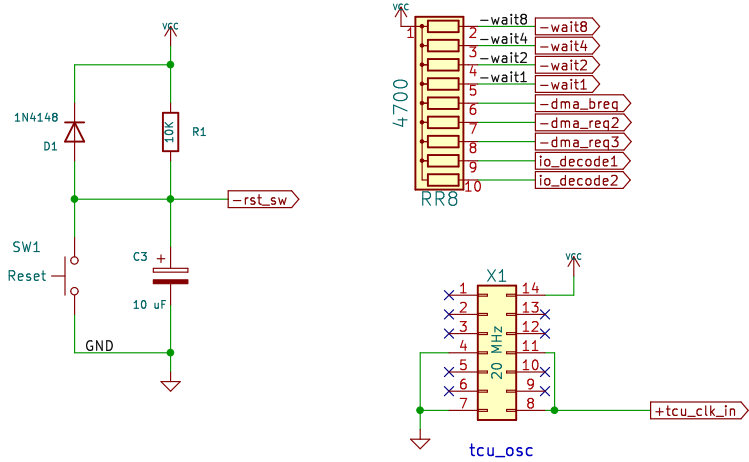
File: Decoders.kicad_sch

Based on Bruce Culbertson NS32016 project
<https://ftp.funet.fi/pub/misc/pc532/Culbertson>

CPU local debug expansion bus (deb) connectors



NOTE: KICAD DIODE PINS 1 & 2
REVERSED AGAINST ORIGINAL SCHEMATIC
DUE TO SPICE COMPATIBILITY. DIODE
REVERSED AGAINST ORIGINAL NETLIST
FOR FUNCTIONALITY.



Sheet: /CPU/
File: CPU.kicad_sch

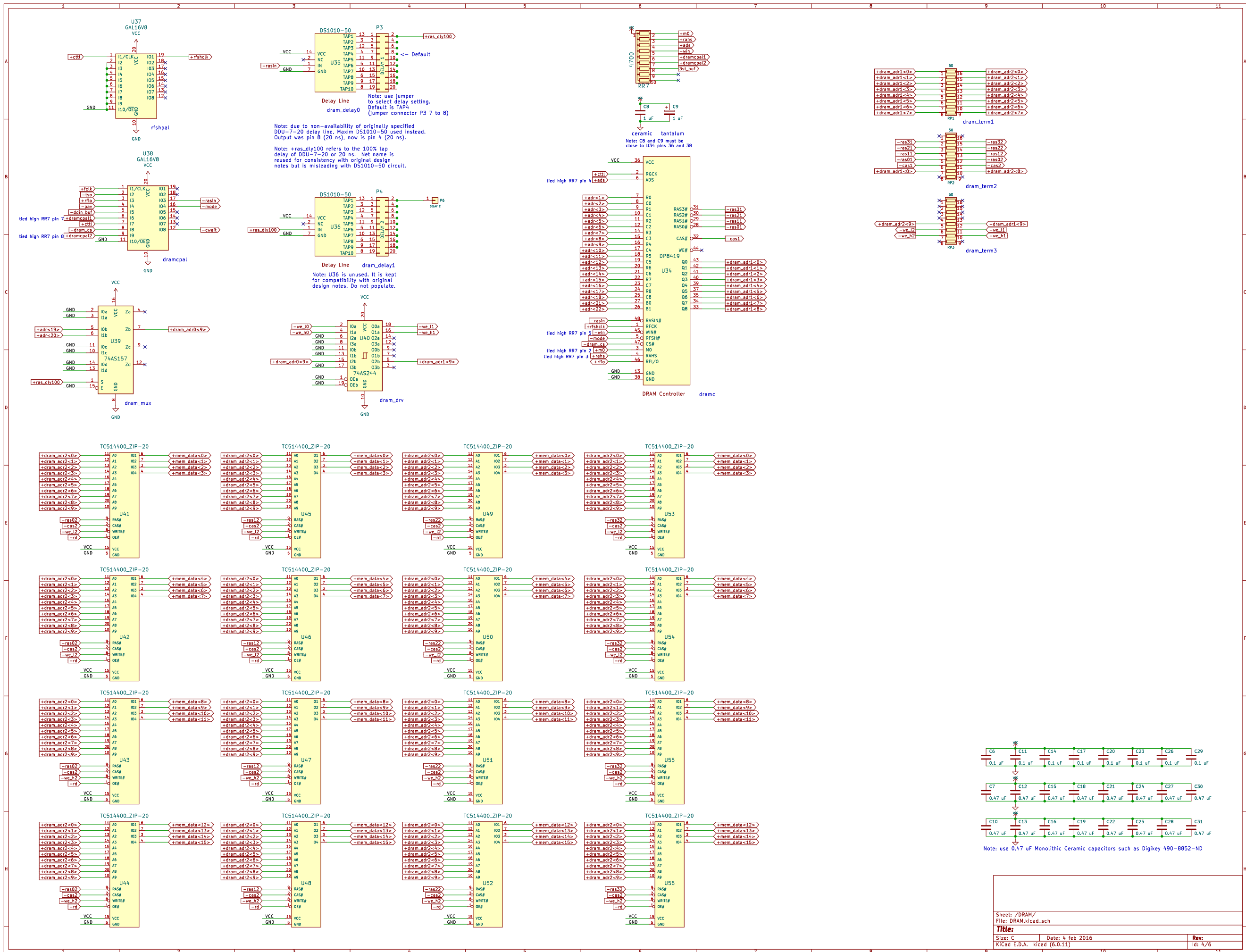
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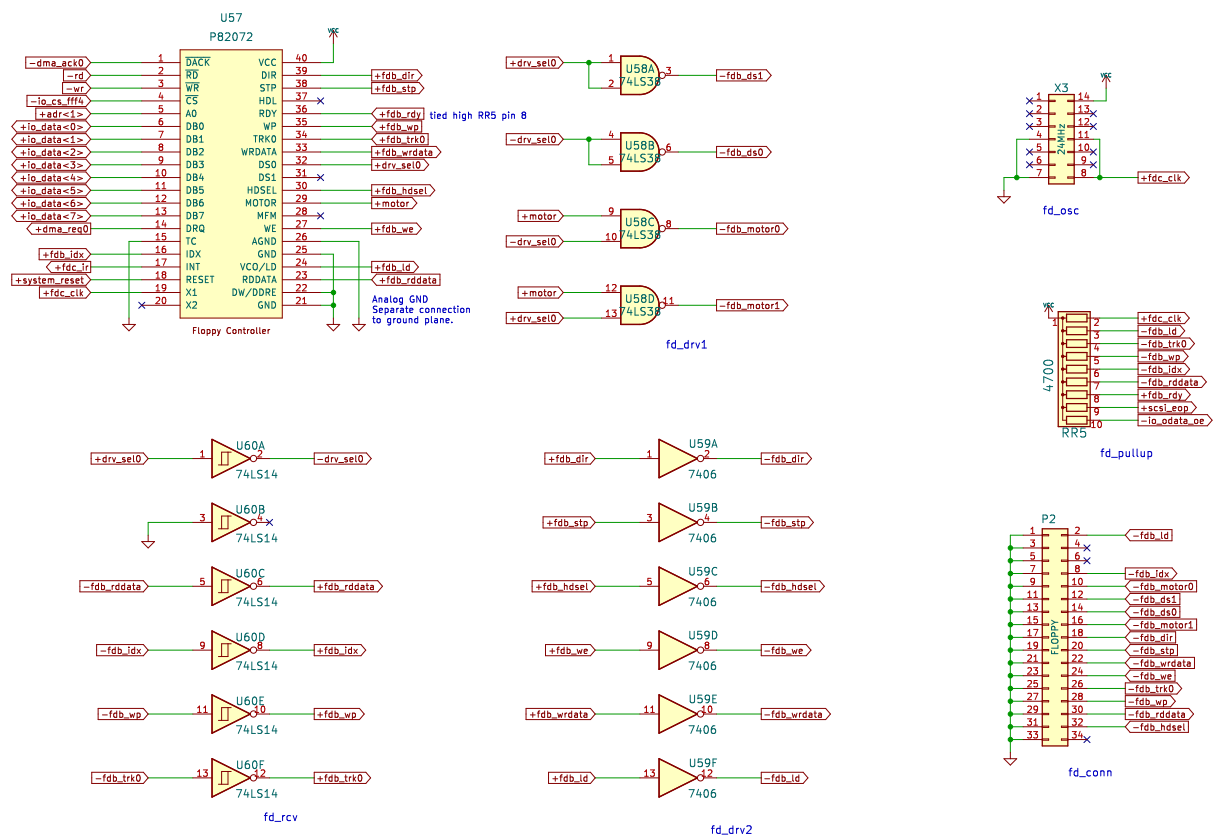
KiCad E.D.A. kicad (6.0.11)

Rev:

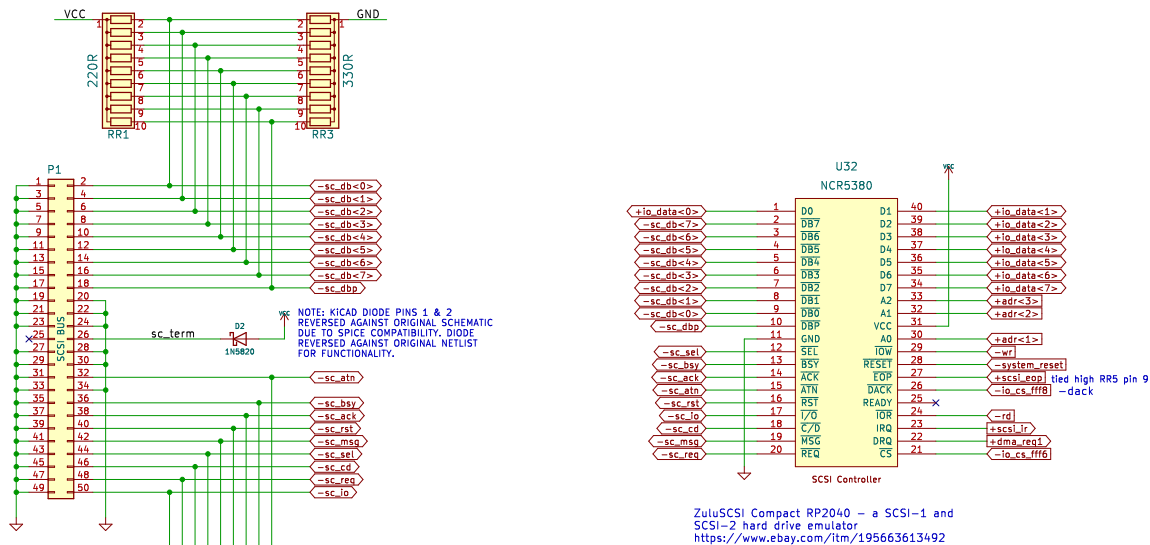
Id: 2/6



Floppy controller

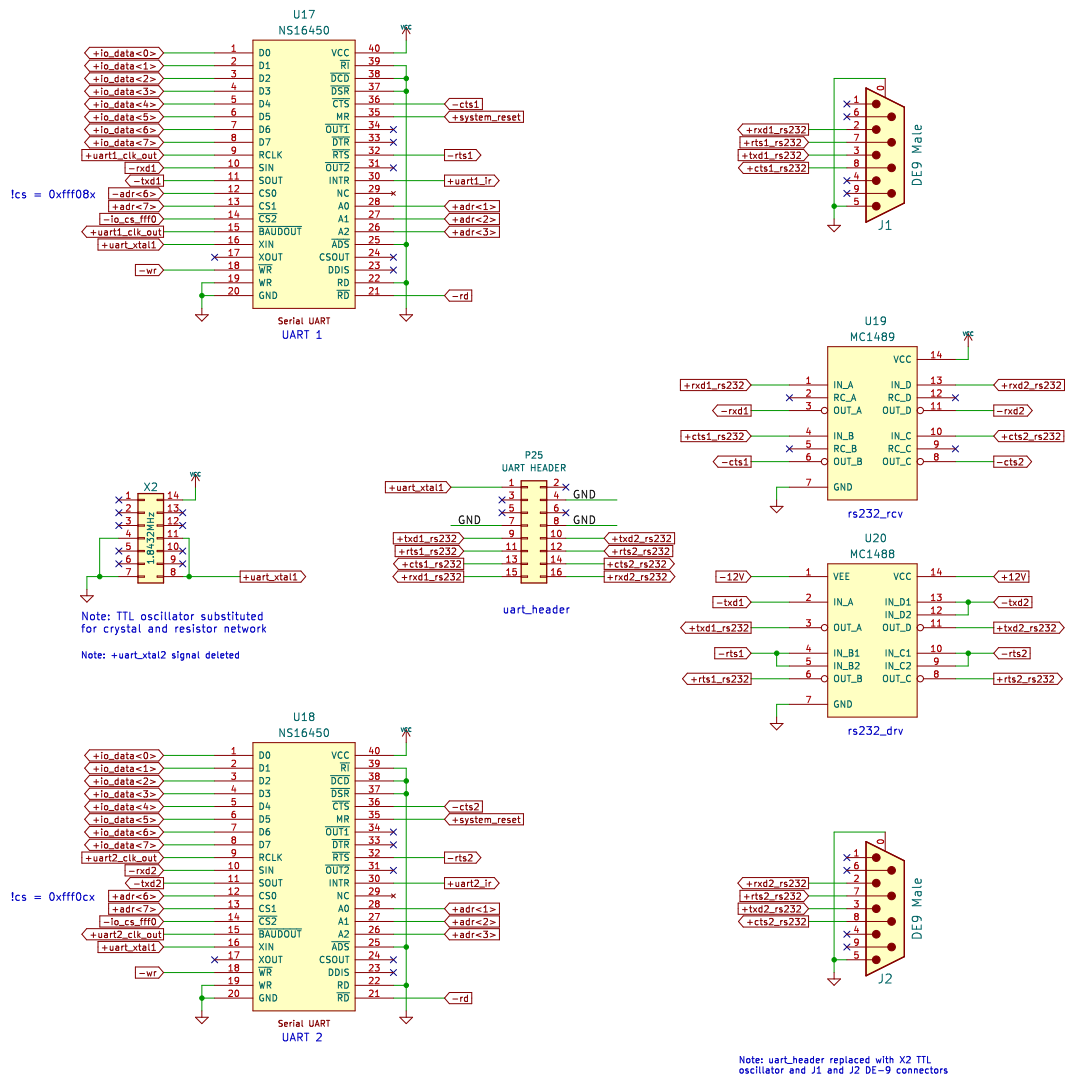


SCSI Controller



ZuluSCSI Compact RP2040 – a SCSI-1 and SCSI-2 hard drive emulator
<https://www.ebay.com/itm/195663613492>

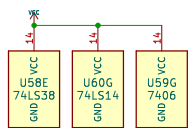
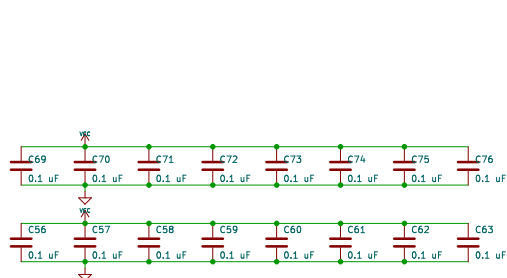
RS232 Serial Controllers



0cx +adr<6> 12

Note: uart_header replaced with X2 TTL oscillator and J1 and J2 DE-9 connectors

- 1) SCSI Terminator Resistor Packs
Some swapping of resistor positions against original netlist for schematic neatness.
- 2) Serial Controller Clock
Original circuit swapped out for a 14pin DIL oscillator
- 3) Serial Controller Output Header
Has been swapped out for 2 x DE-9 male connectors



Notes:—

