

12345678

A

B

C

D

E

bus

power

buffers

IO

File: bus.kicad_sch
TMS9995CPU

File: power.kicad_sch
GALS

File: buffers.kicad_sch
bus sharing

File: io.kicad_sch

File: TMS9995CPU.kicad_sch

File: GALS.kicad_sch

File: bussharing.kicad_sch

File: io.kicad_sch

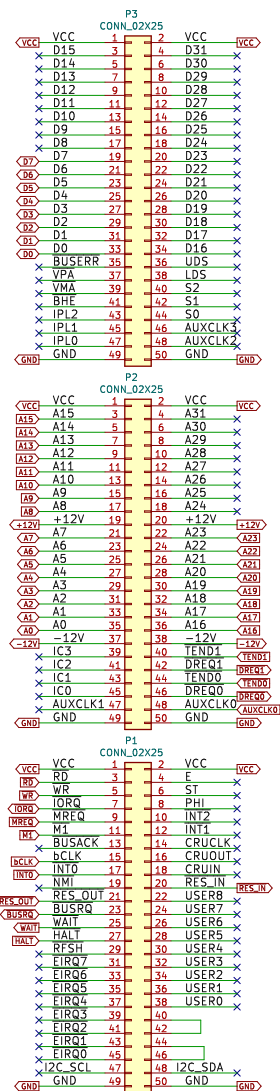
Sheet: /
File: processor.tms9995.kicad_sch

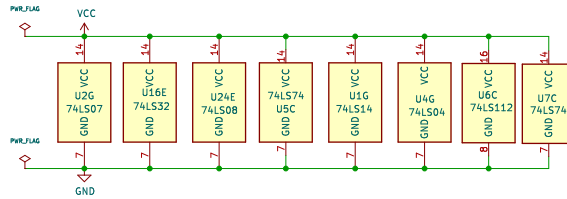
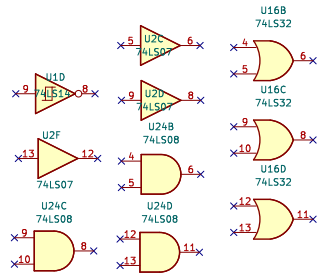
Title: Duodyne TMS9995 CPU board

Size: B | Date: 2023-12-16 | Rev: V1.0

KiCad E.D.A. kicad (6.0.11) | Id: 1/8

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Memory Address	Mapped To
>0000 -> 7FFF	ROM when enabled, otherwise RAM
>8000 -> FFFF	RAM
>F000 -> F0FB	TMS 9995 Internal RAM
>F0FC -> F0FD	
>FE00 -> FE3F	CF card ATA registers (FIX INCOMPLETE DECODING WITH NEXT REVISION)
>FE40 -> FE4F	CF card ATA registers 0-15 (>FE40 -> FE4F, repeats at >FE50 etc. . . FIX INCOMPLETE DECODING WITH NEXT REVISION)
>FE80 -> FE8F	Offboard IO (ports \$00-\$FF)
>FE90 -> FE9F	RAM
>FFFA -> FFFF	TMS 9995 Internal RAM

CRU Address Mapped To
 >0000 - >003F TMS 9902 registers
 >0040 - >007F Control signal latch (further details here)
 (Plus processor internal CRU bits)

