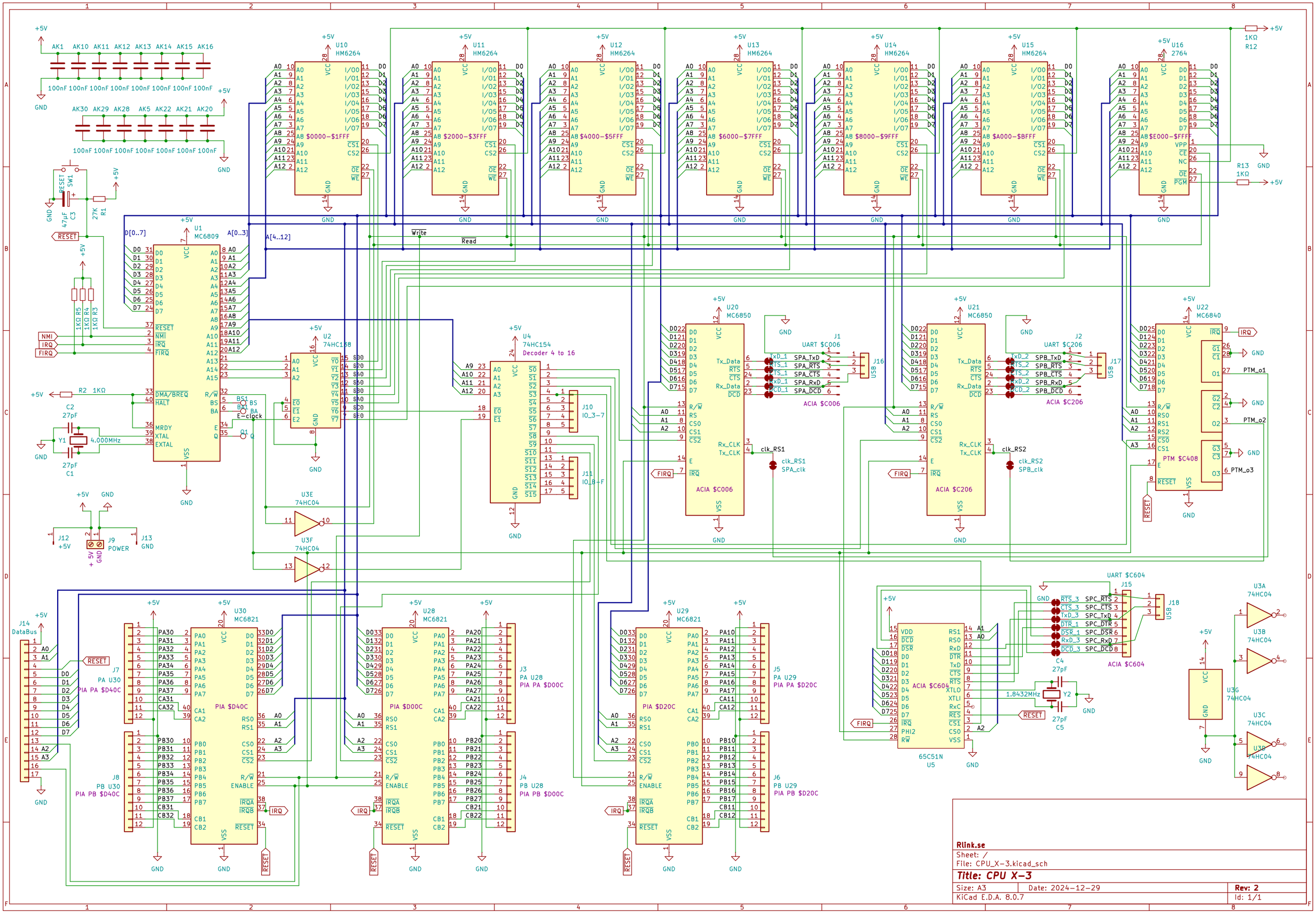
U10 HM6264 $0000-$1FFF
U11 HM6264 $2000-$3FFF
U12 HM6264 $4000-$5FFF
U13 HM6264 $6000-$7FFF
U14 HM6264 $8000-$9FFF
U15 HM6264 $A000-$BFFF
U16 2764 $E000-$FFFF
U1 MC6809
U2 74HC138
U4 74HC154 Decoder 4 to 16
U20 MC6850 ACIA $C006
U21 MC6850 ACIA $C206
U22 MC6840 PTM $C408
U30 MC6821 PIA $D40C
U28 MC6821 PIA $D00C
U29 MC6821 PIA $D20C
U5 65C51N ACIA $C604
U3E 74HC04
U3F 74HC04
U3A 74HC04
U3B 74HC04
U3C 74HC04
U3D 74HC04
U3G 74HC04
J1 UART $C006
J2 UART $C206
J15 UART $C604
J7 PA U30 PIA PA $D40C
J8 PB U30 PIA PB $D40C
J3 PA U28 PIA PA $D00C
J4 PB U28 PIA PB $D00C
J5 PA U29 PIA PA $D20C
J6 PB U29 PIA PB $D20C
J14 DataBus
J9 POWER
J10 IO_3-7
J11 IO_8-F
J16 USB
J17 USB
J18 USB
Y1 4.000MHz
Y2 1.8432MHz
SW1 RESET
R1 27K
R2 1KΩ
R12 1KΩ
R13 1KΩ
R3 1KΩ
R4 1KΩ
R5 1KΩ
C1 27pF
C2 27pF
C3 47µF
C4 27pF
C5 27pF
clk_RS1 SPA_clk
clk_RS2 SPB_clk
Rlink.se
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File: CPU_X-3.kicad_sch
Title: CPU X-3
Size: A3
Date: 2024-12-29
Rev: 2
KiCad E.D.A. 8.0.7
Id: 1/1