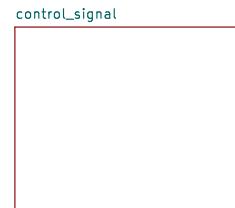
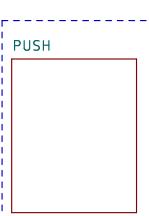




ファイル: connector.kicad_sch

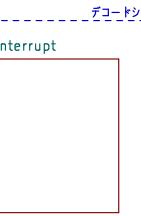
U1 – U48
–スタート保持ユニット(フレフィックスは分けるべきだったかも知れない)
U49 – U64
–シーケンス、デコード
U65 –
– 制御信号生成

ファイル: control_signal.kicad_sch
制御信号生成

ファイル: PUSH.kicad_sch

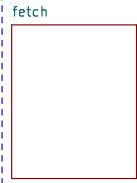


ファイル: POP_RET.kicad_sch



ファイル: interrupt.kicad_sch

デコートシーケンス



ファイル: fetch.kicad_sch



ファイル: execute.kicad_sch



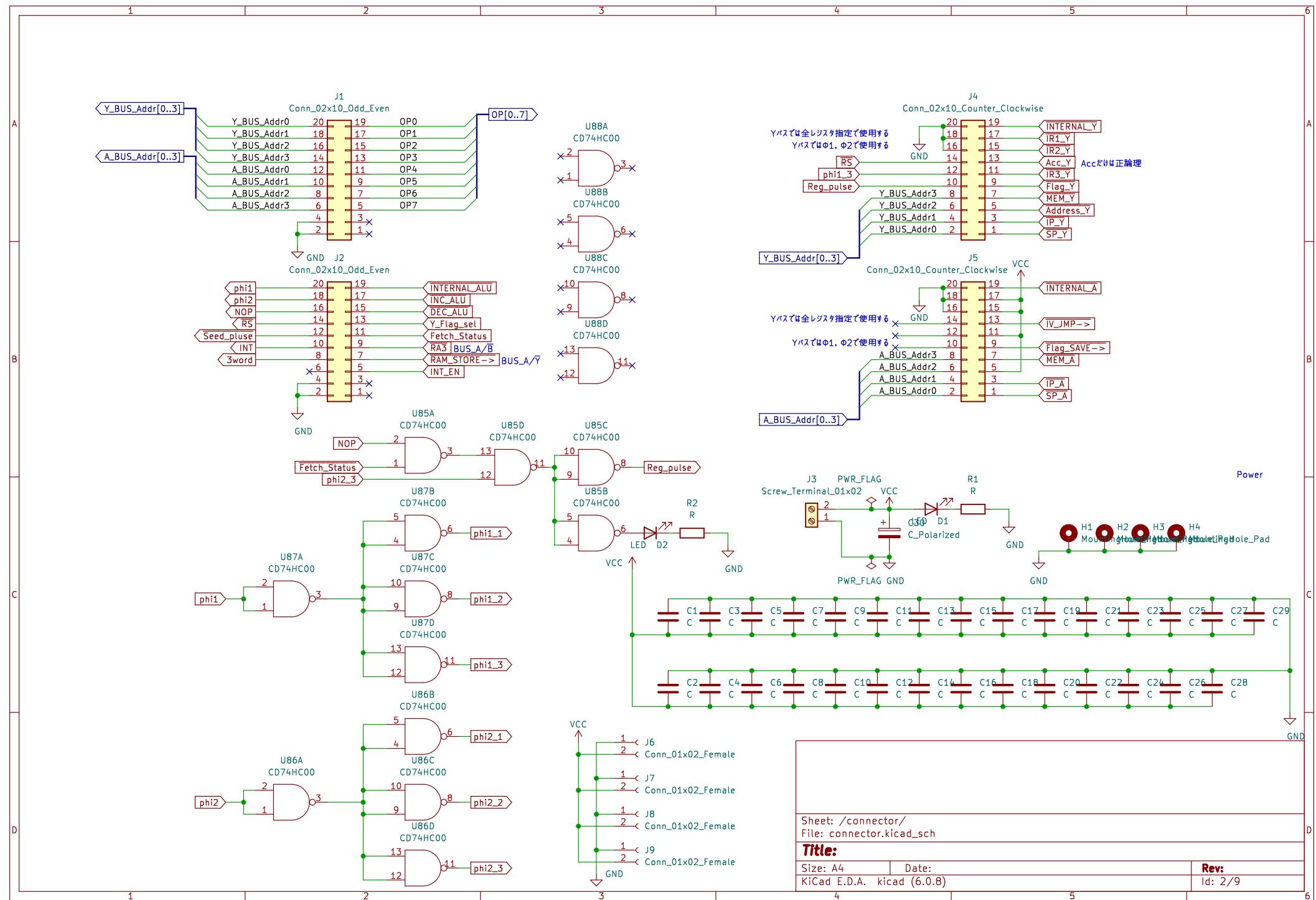
ファイル: sequence_start.kicad_sch

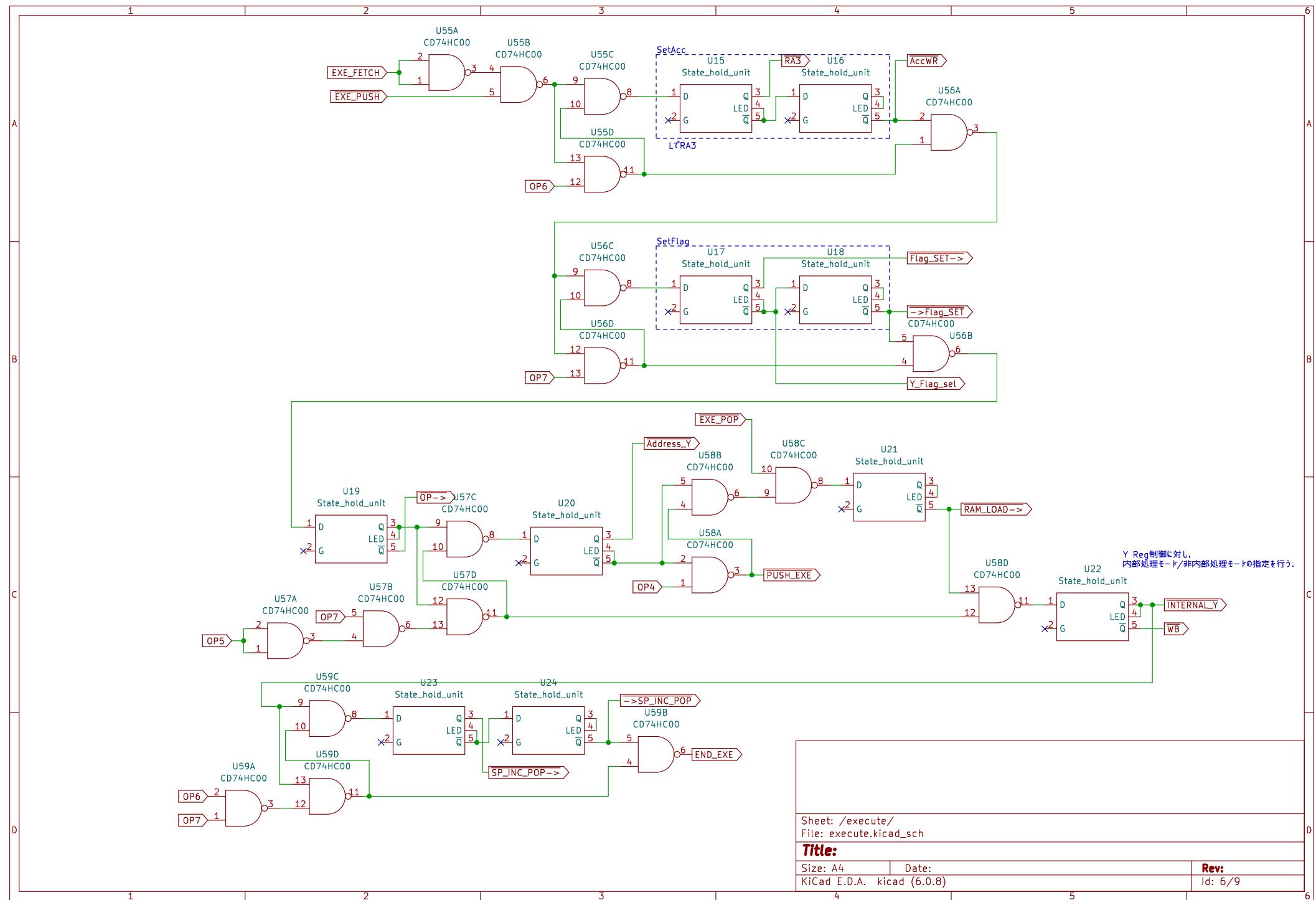
Sheet: /
File: Instruction_decoder.kicad_sch

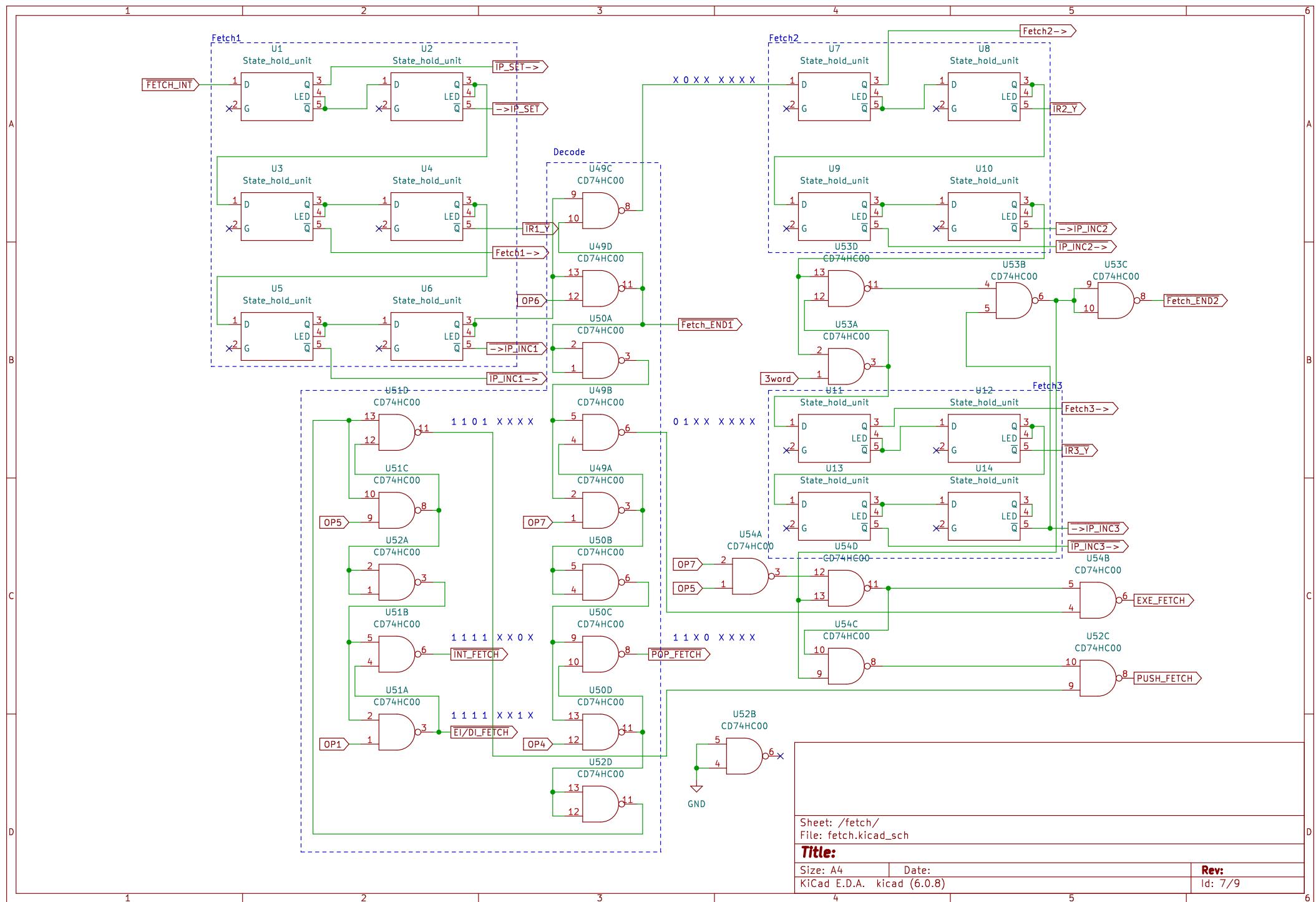
Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

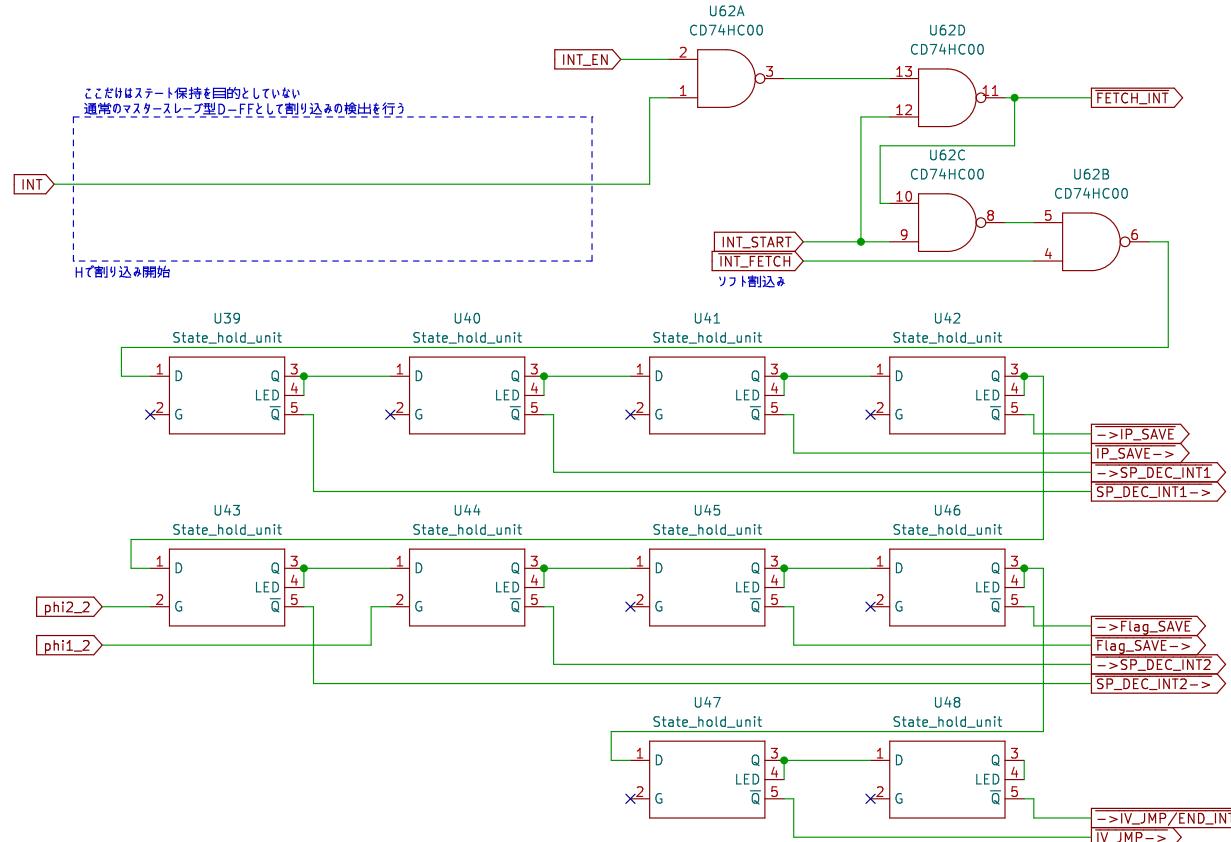
Rev:
Id: 1/9







A

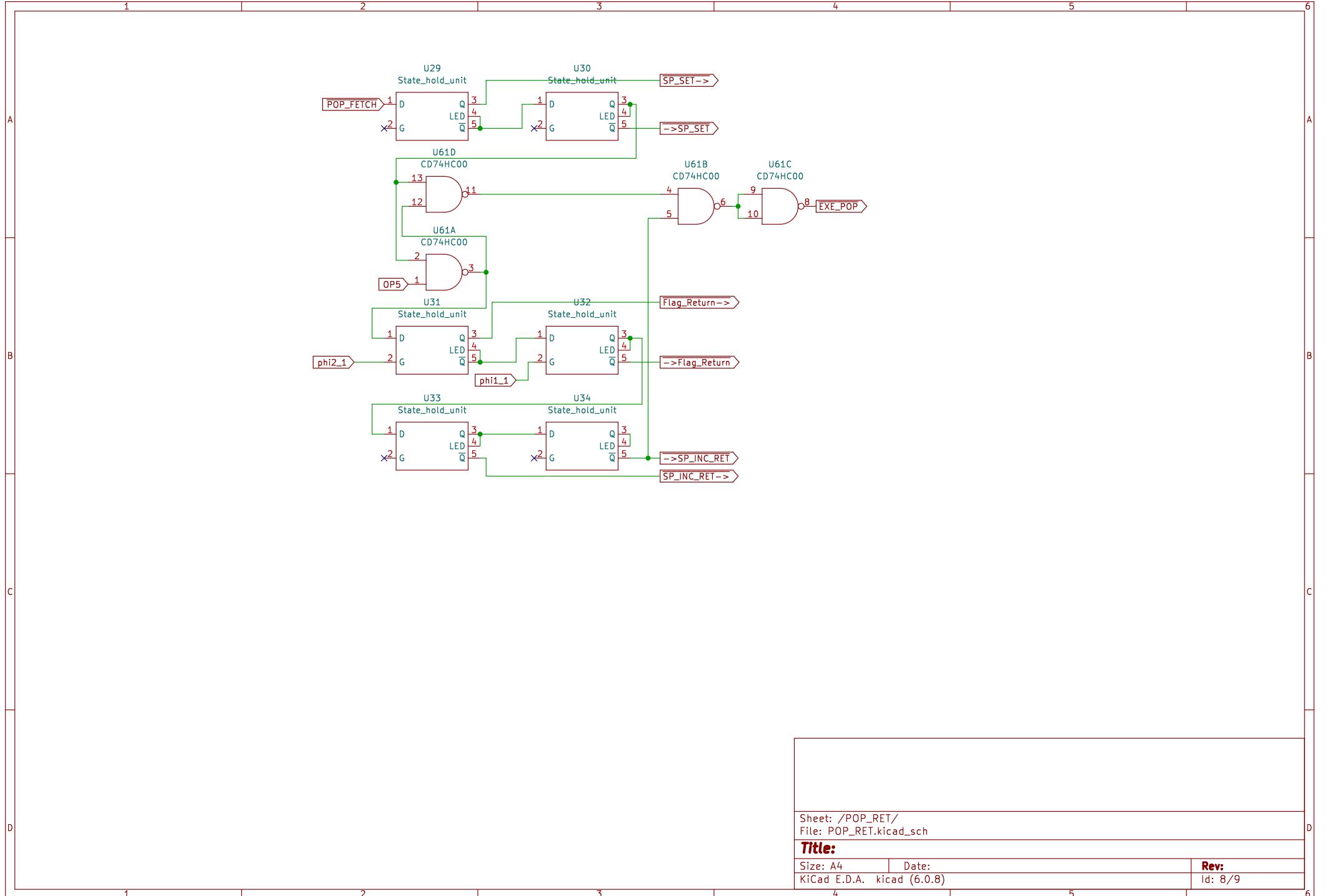


Sheet: /Interrupt/
File: Interrupt.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 7/9

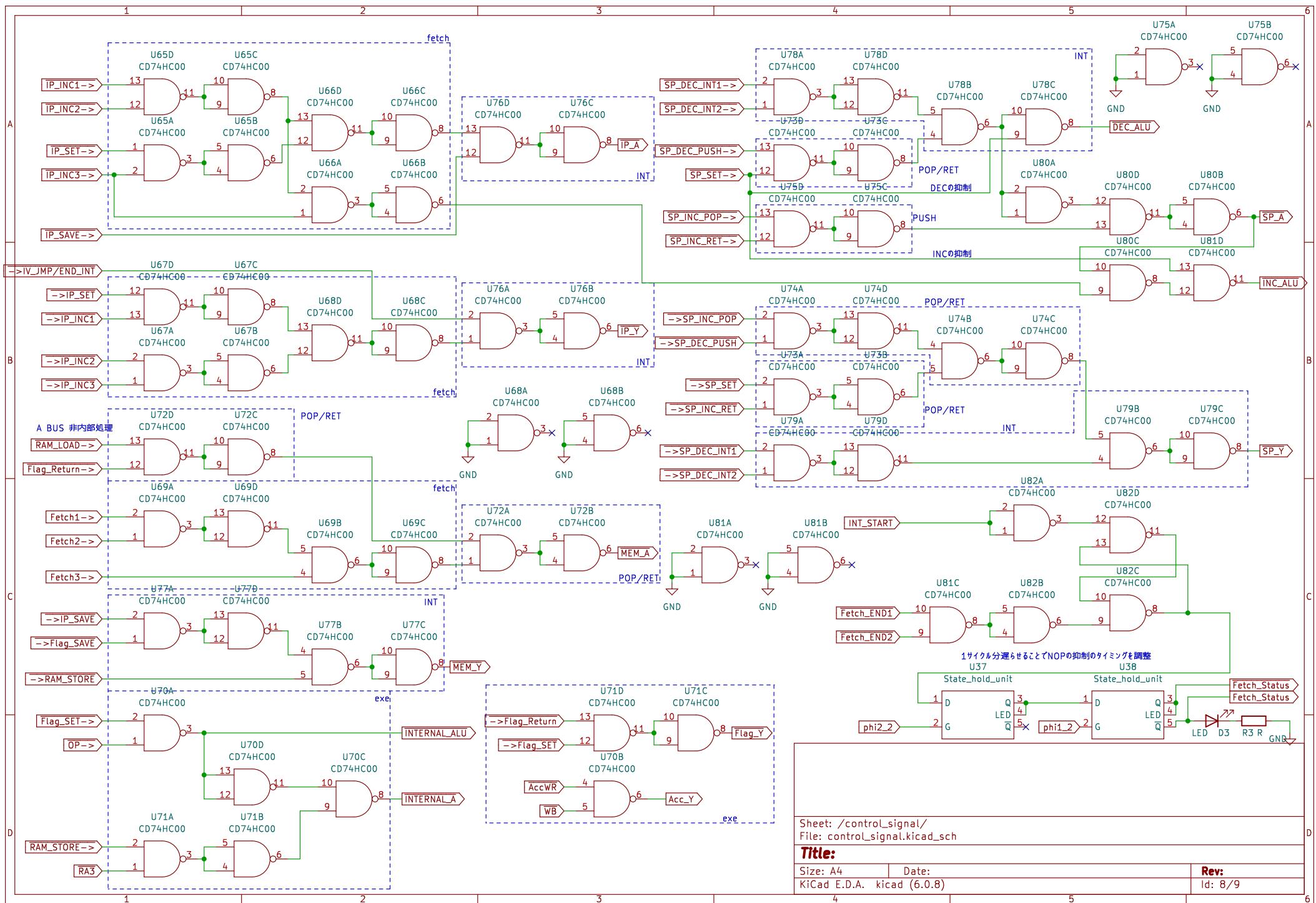


Sheet: /POP_RET/
File: POP_RET.kicad_sch

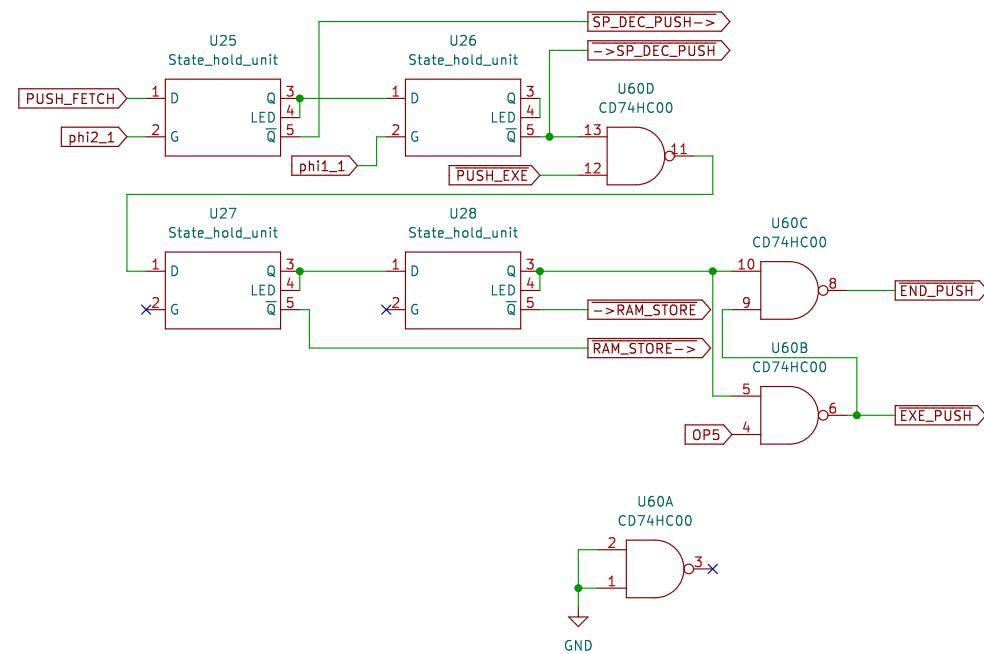
Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 8/9



A



B

C

D

A

B

C

D

Sheet: /PUSH/
File: PUSH.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 9/9

A

A

B

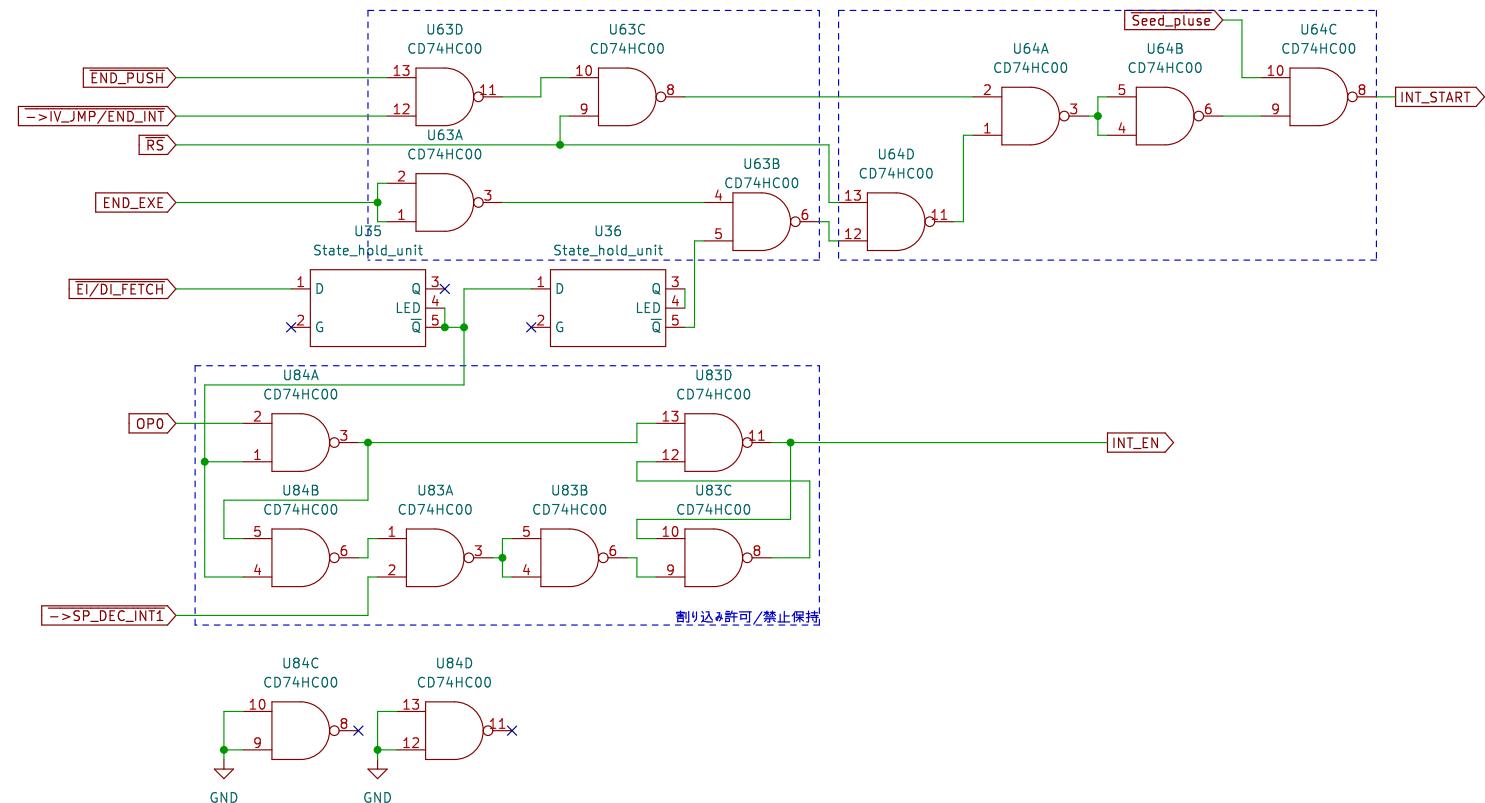
B

C

C

D

D



Sheet: /sequence_start/
File: sequence_start.kicad_sch

Title:

Size: A4 Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 9/9

1 2 3 4 5 6

connector

ファイル: connector.kicad_sch

Seed_pluse

ファイル: Seed_pluse.kicad_sch

BUS_selector

ファイル: BUS_selector.kicad_sch

3word

ファイル: 3word.kicad_sch

3

4 5 6

INT_ACQ

ファイル: INT_ACQ.kicad_sch

Branch_decoder

ファイル: Branch_decoder.kicad_sch

3Unit

3Unit

8Unit

A

A

B

B

C

C

D

D

3word 命令検出
レジスタMUX(統合)
•レジスタMUX_1
•レジスタMUX_2
ブランチコード
バルスシード生成

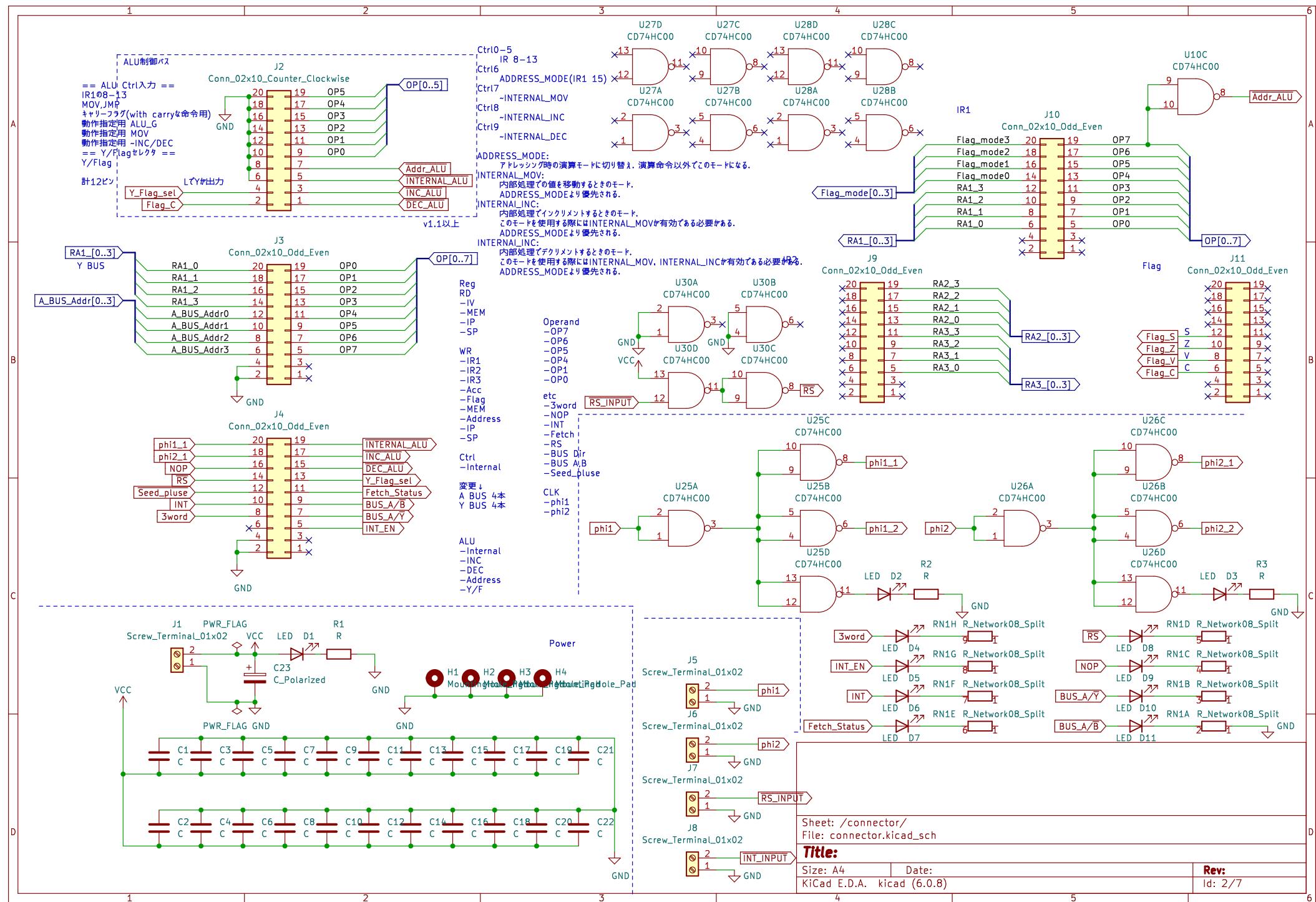
1 2 3 4 5 6

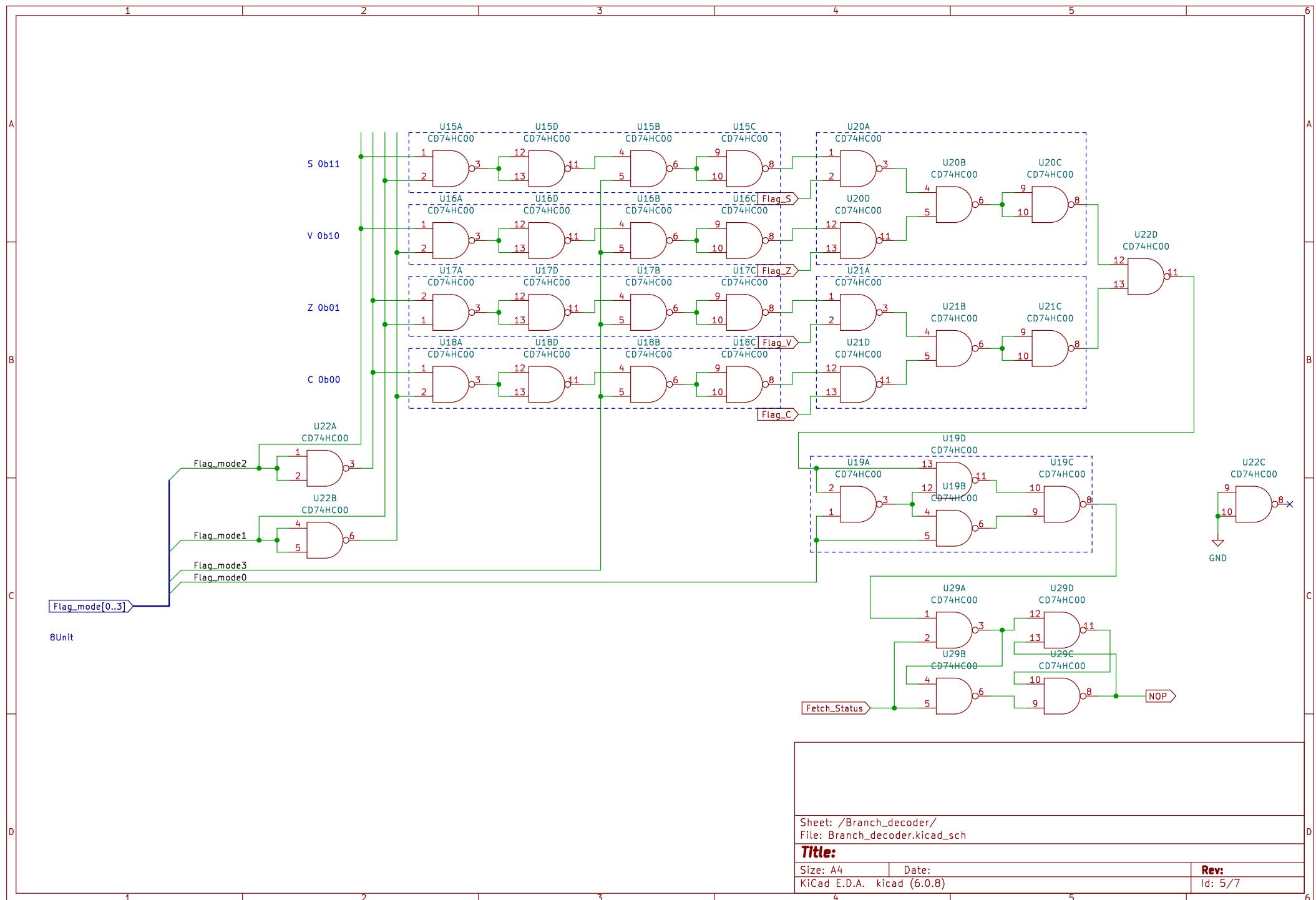
Sheet: /
File: ID_interface.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 1/7





A

A

B

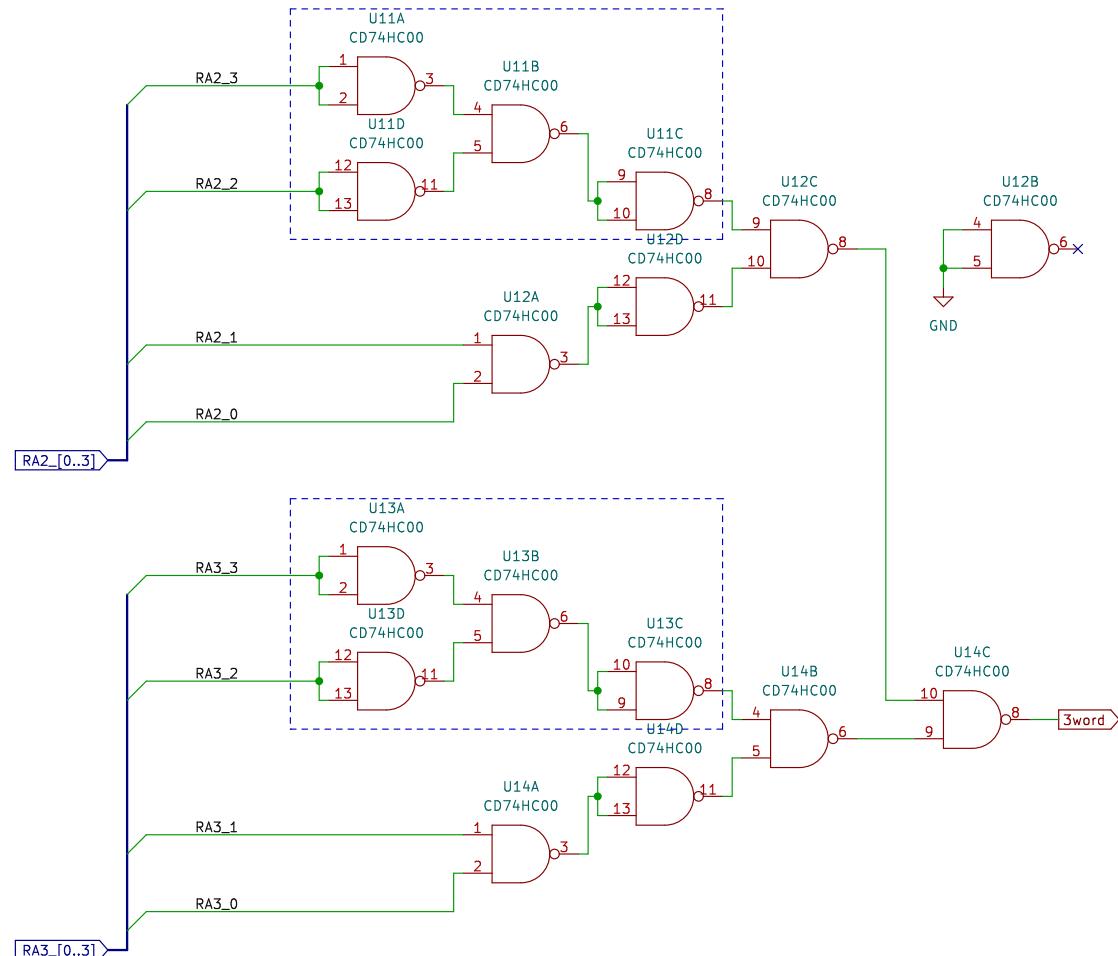
B

C

C

D

D



0 0 1 1をRA1, RA2それぞれ検出

重要:IR3のIDを変更

IR3を1 0 0 0 にすればもっとゲート数を減らせる。
ただその場合使用ゲート数が13、つまり $4n+1$ 個になり都合が悪いので 0 0 1 1で良い

Sheet: /3word/
File: 3word.kicad_sch

Title:

Size: A4 Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 6/7

1 2 3 4 5 6

A

A

B

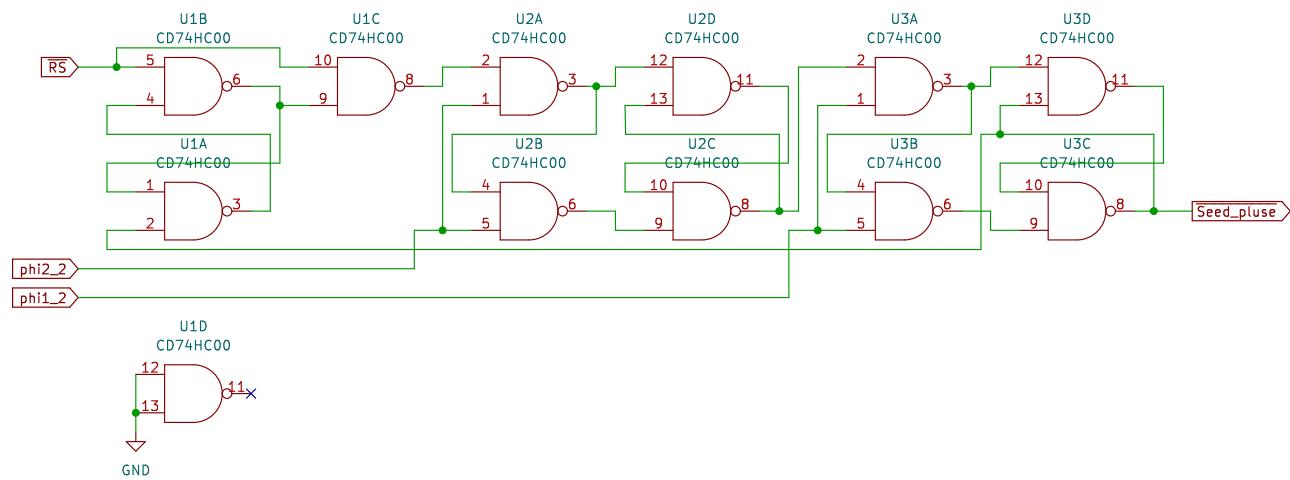
B

C

C

D

D



Sheet: /Seed_pulse/
File: Seed_pulse.kicad_sch

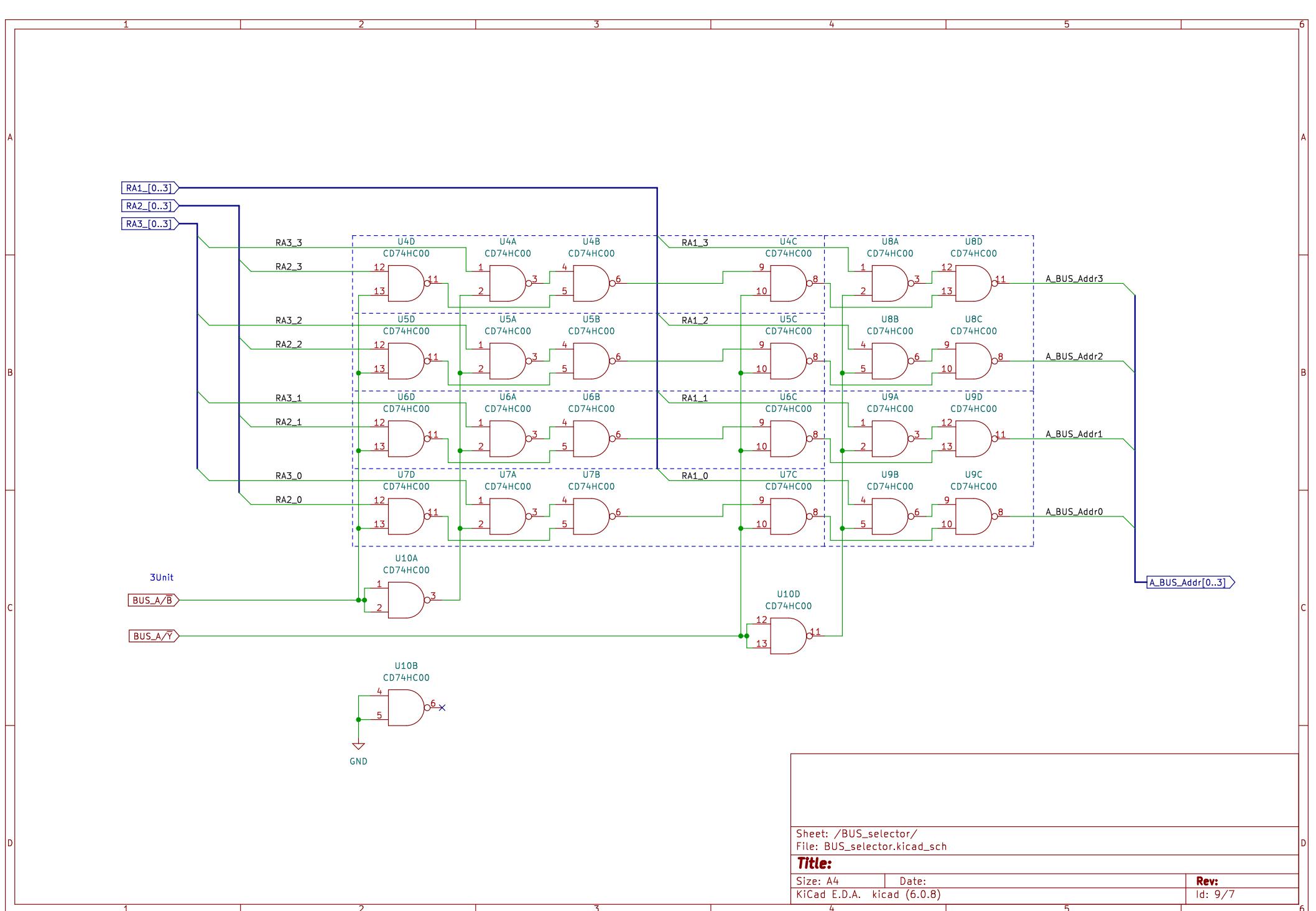
Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 7/7

1 2 3 4 5 6

1 2 3 4 5 6



A

A

B

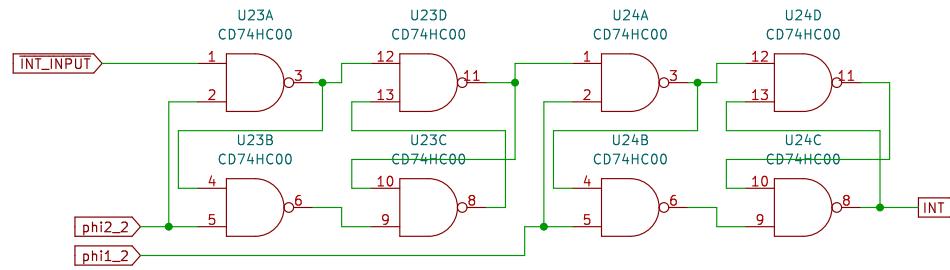
B

C

C

D

D

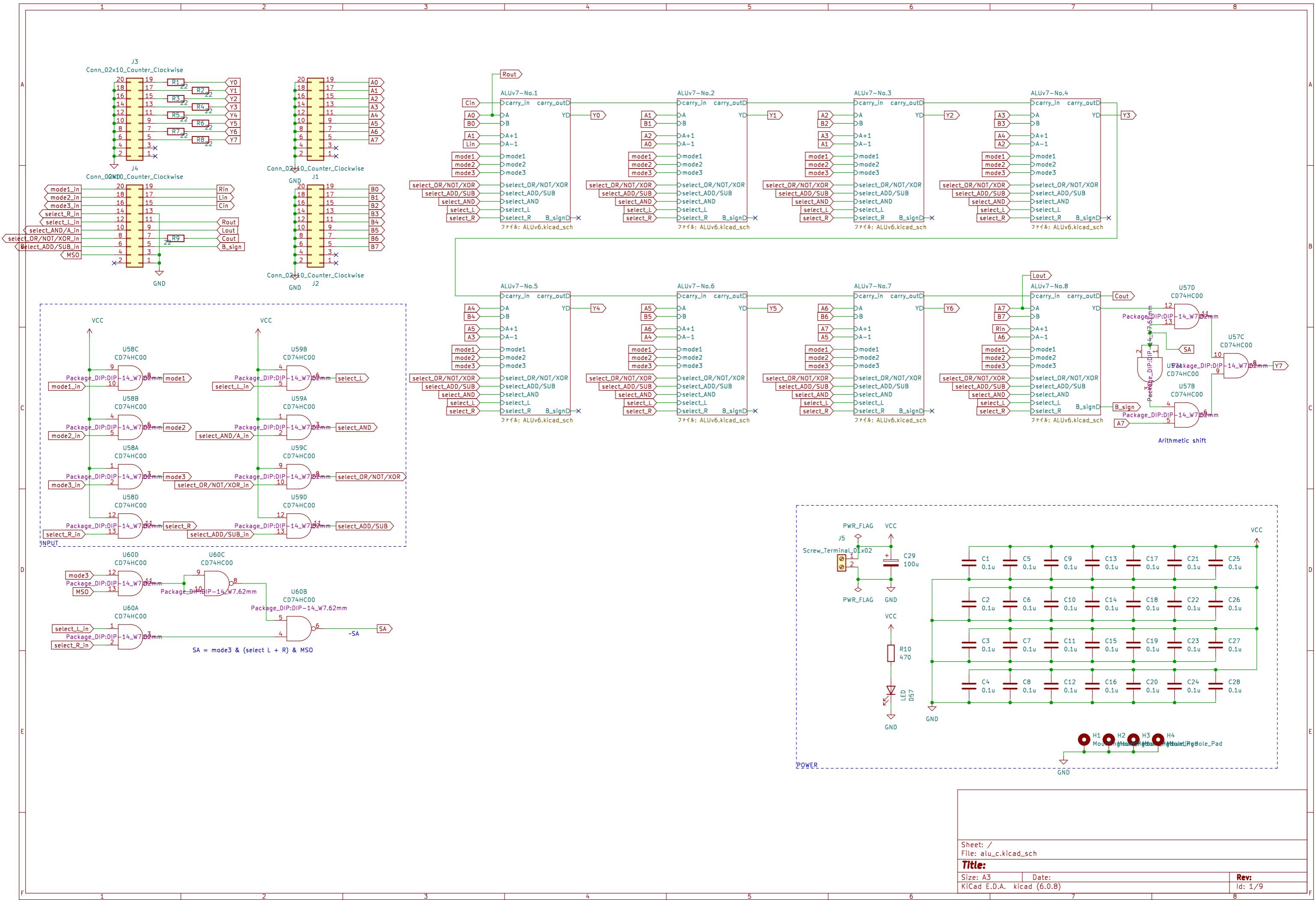


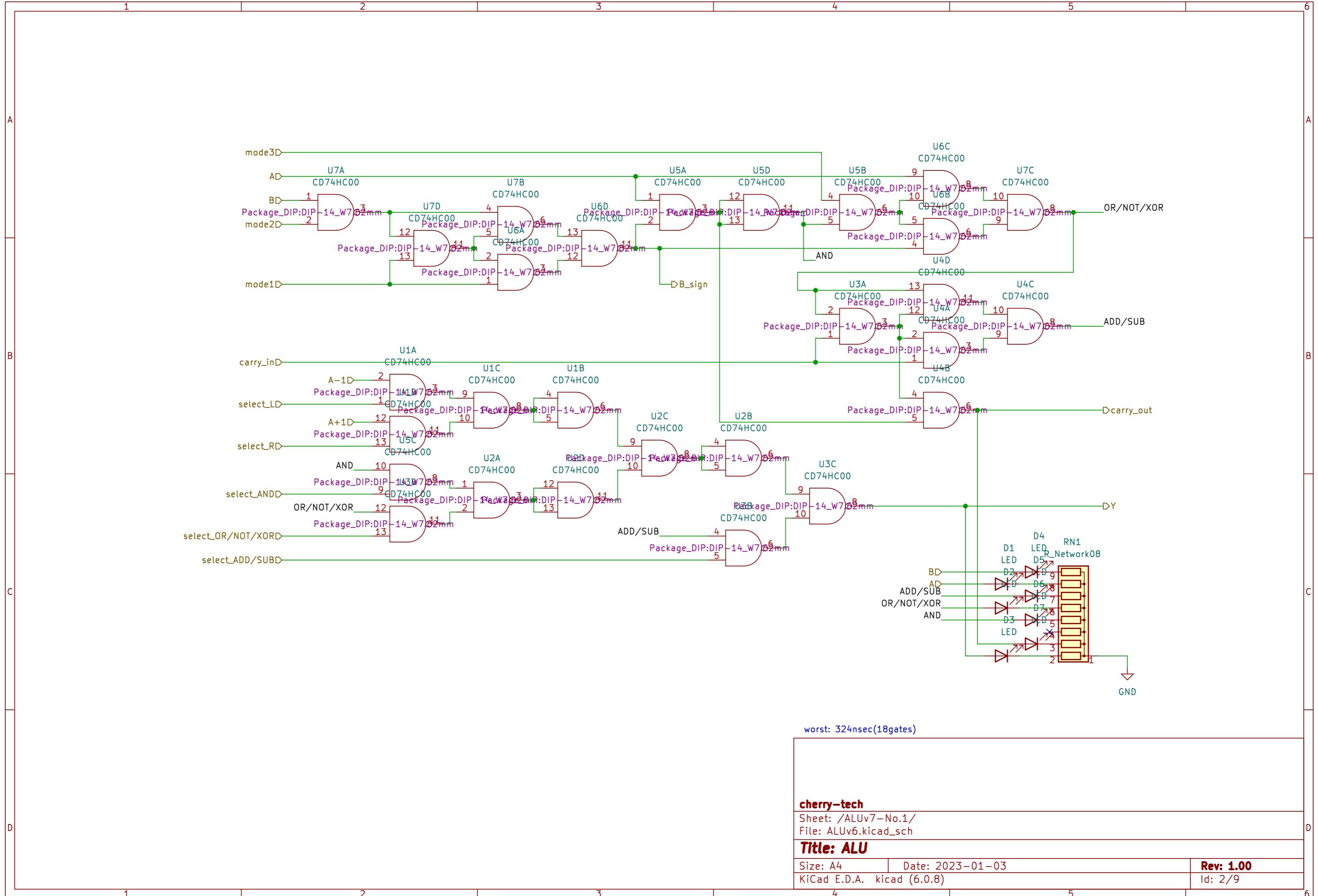
Sheet: /INT_ACQ/
File: INT_ACQ.kicad_sch

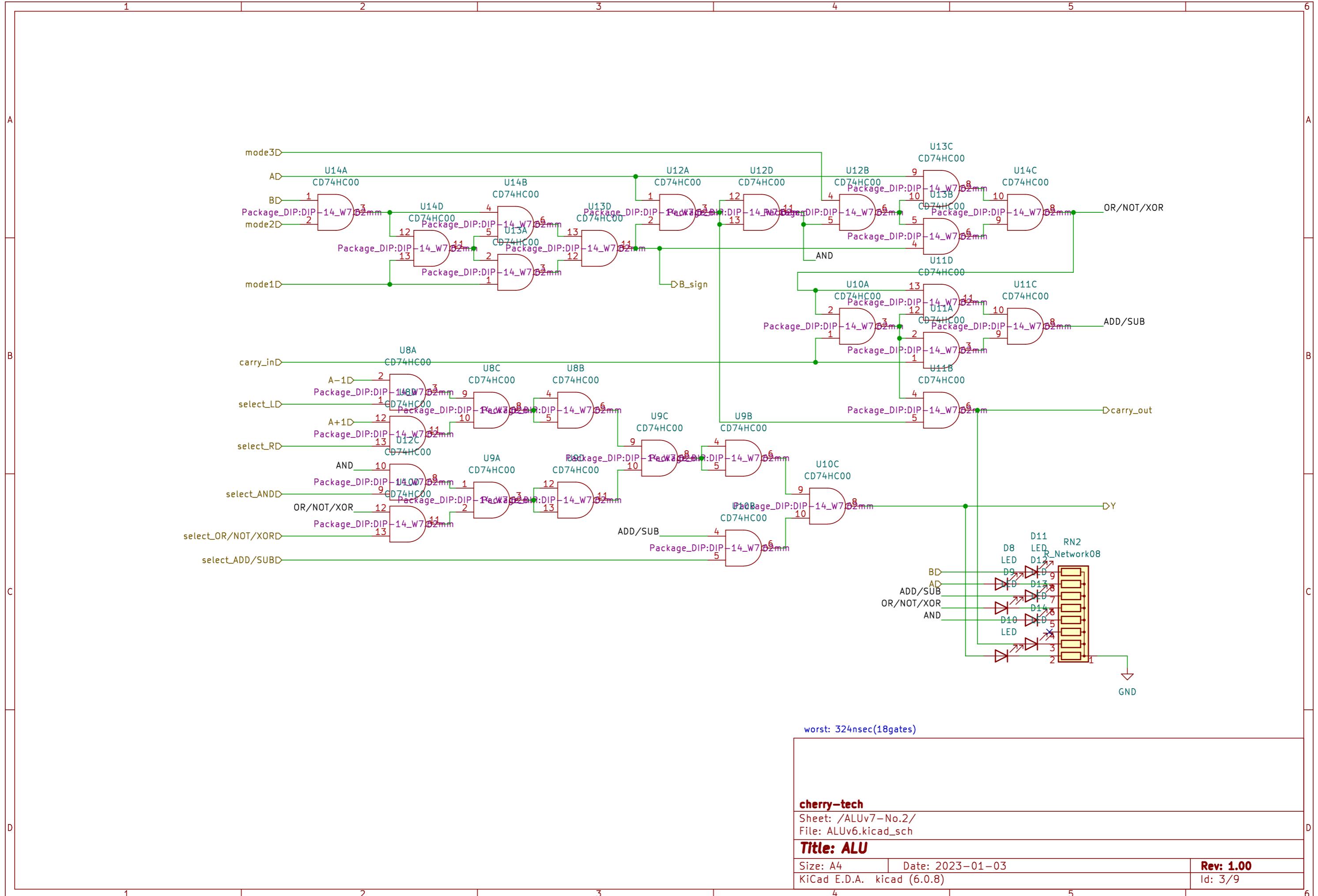
Title:

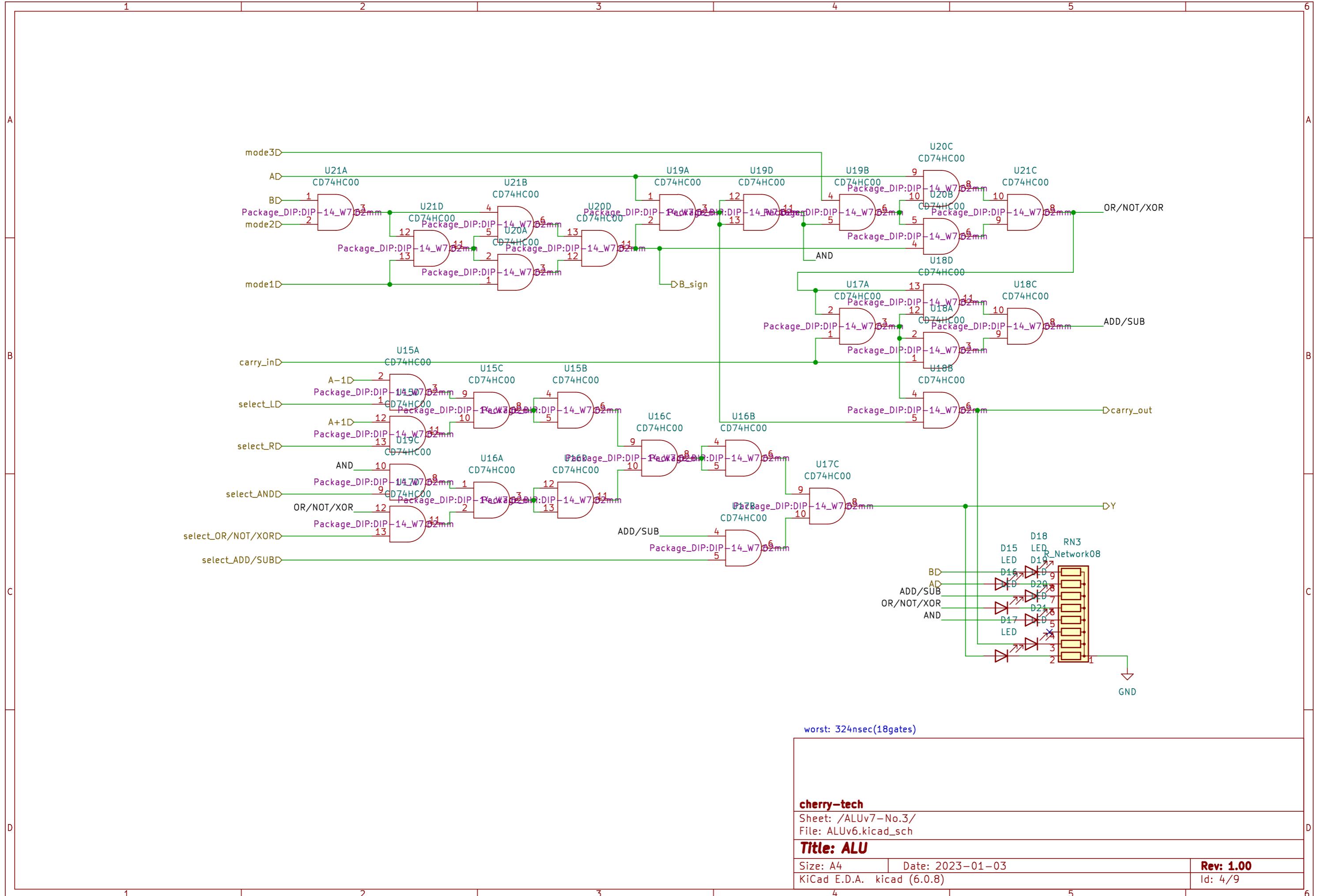
Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

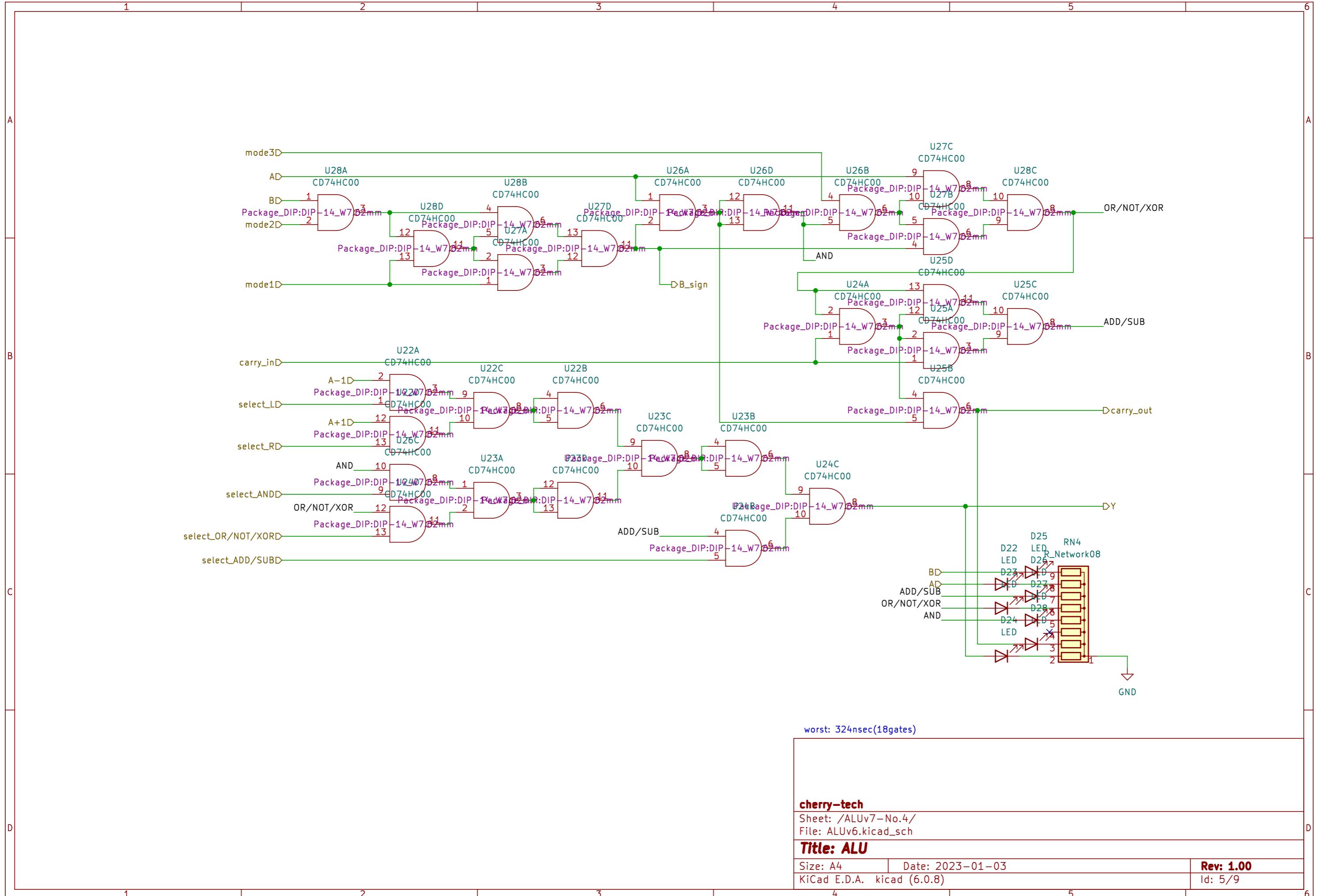
Rev:
Id: 9/7

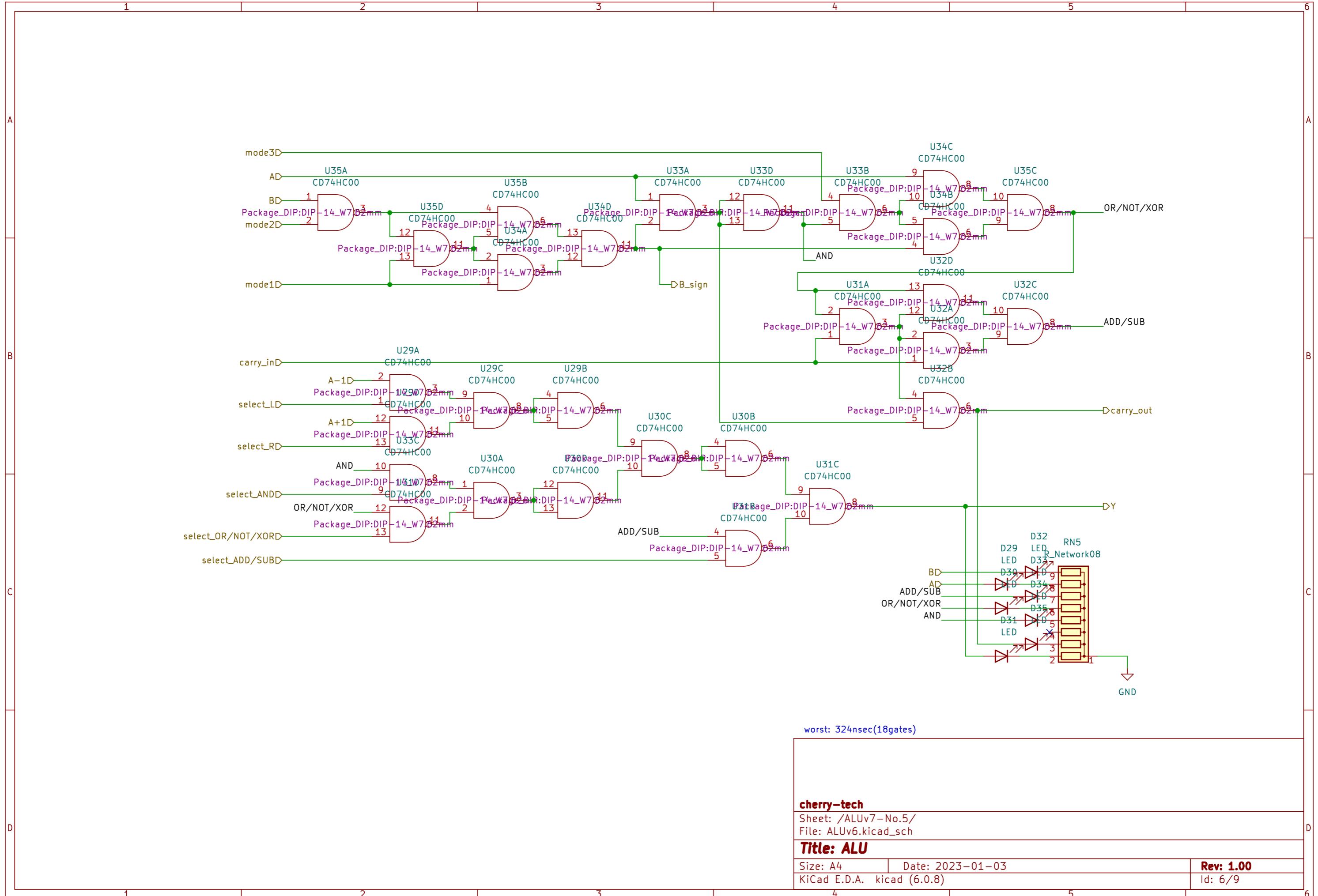


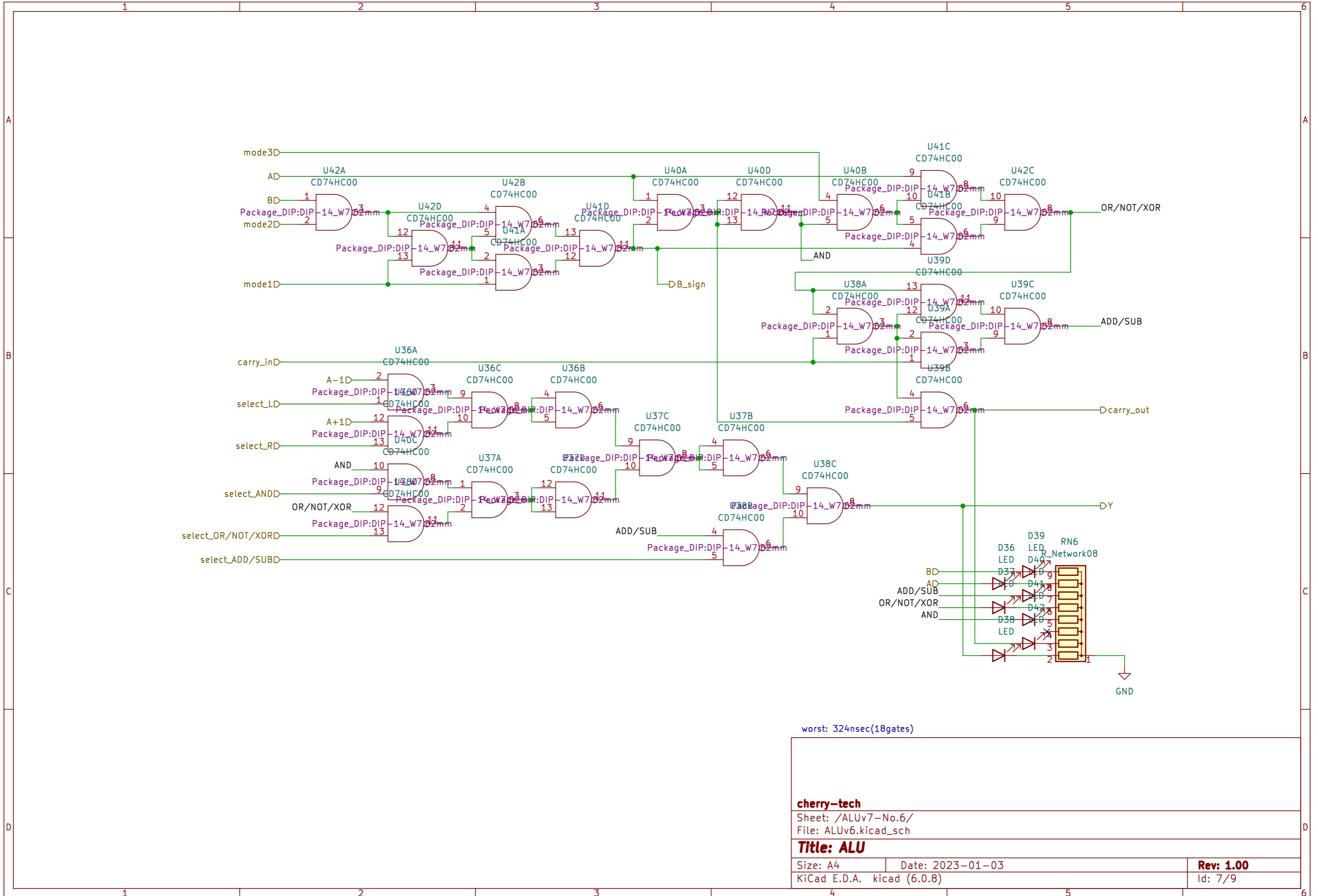


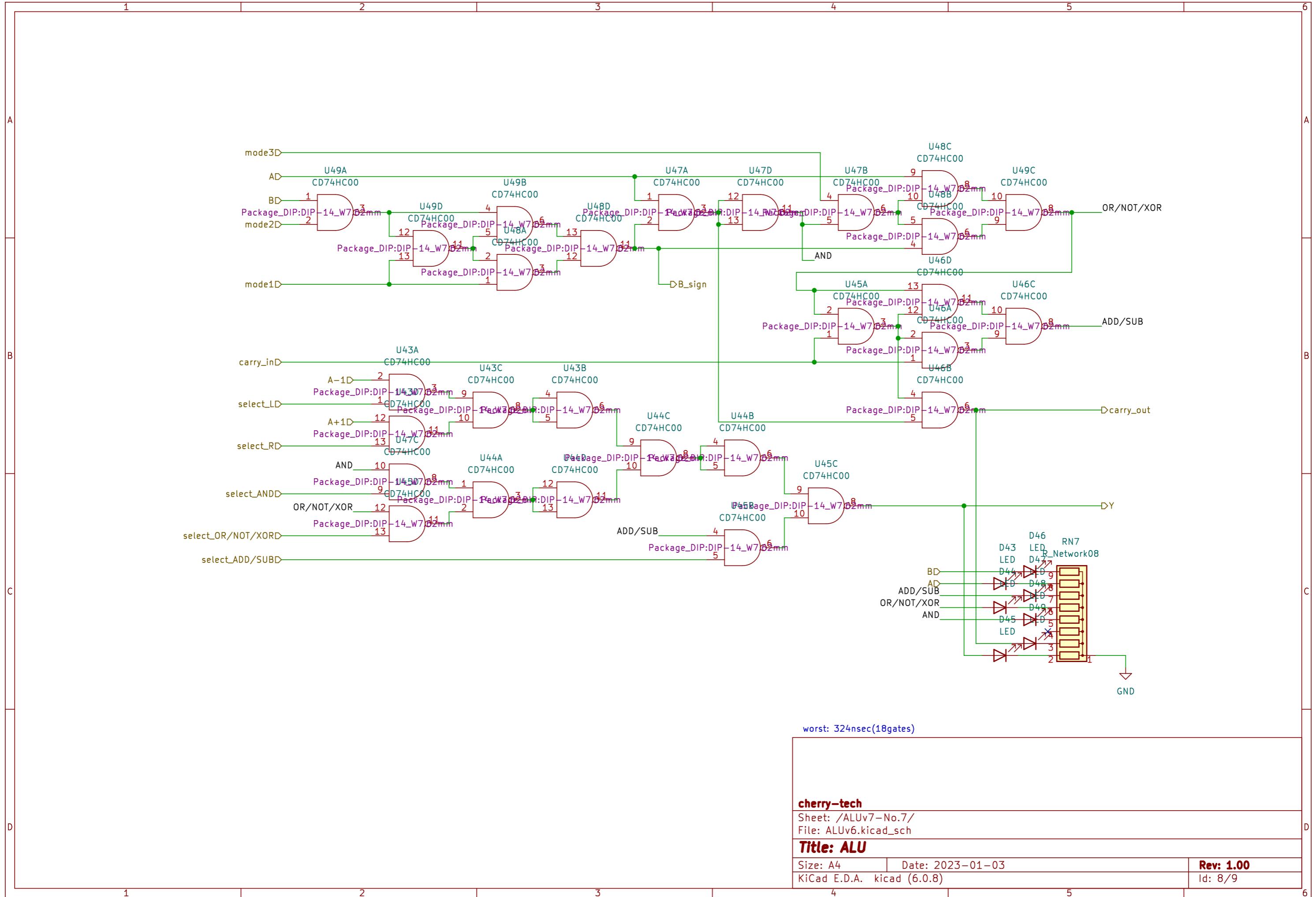


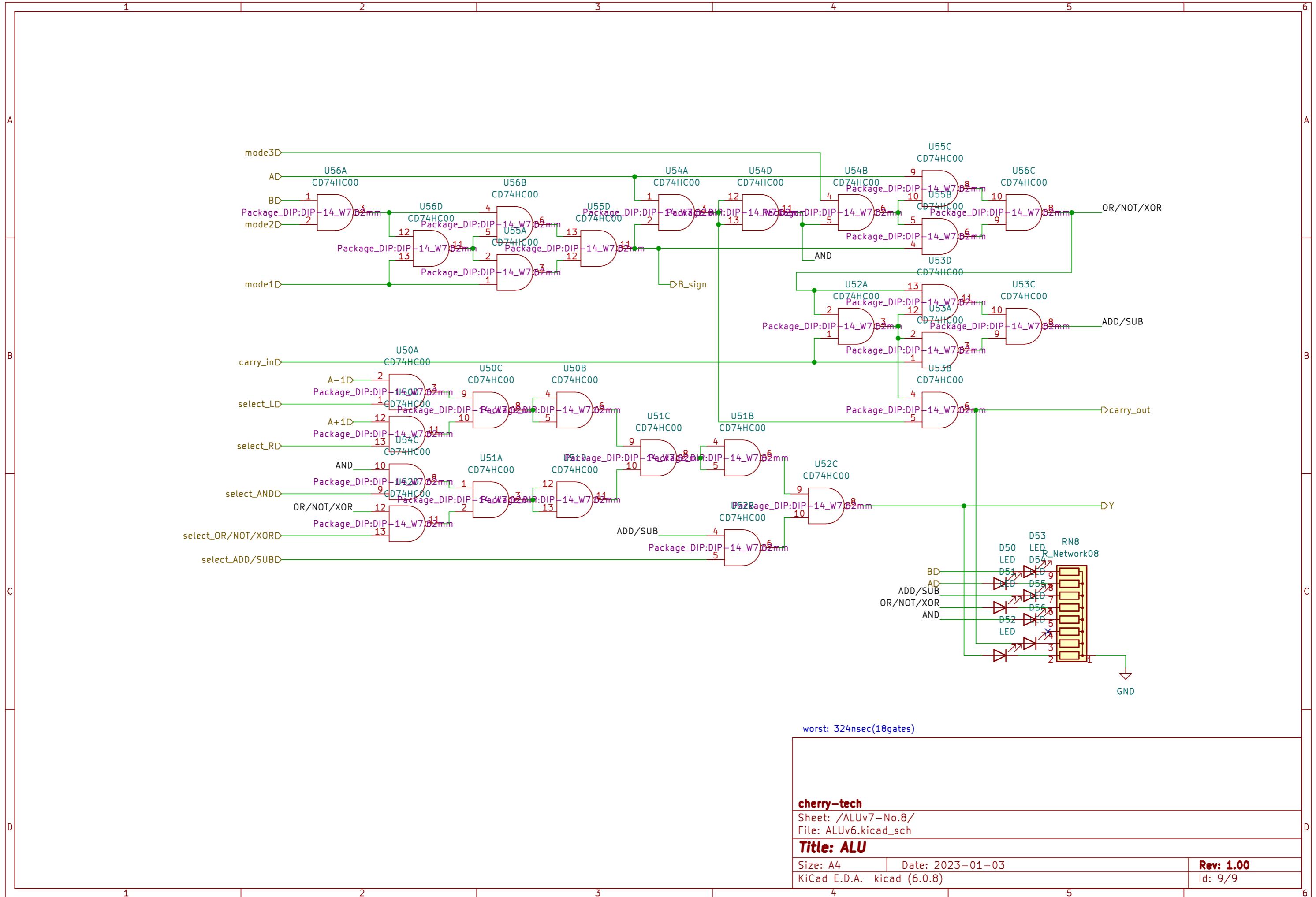












A

A

ALU_Ctrl_Dec



ファイル: ALU_Ctrl_Dec.kicad_sch

ALU_Ctrl_Flags



ファイル: ALU_Ctrl_Flags.kicad_sch

B

B

ALU_Ctrl_Connectors

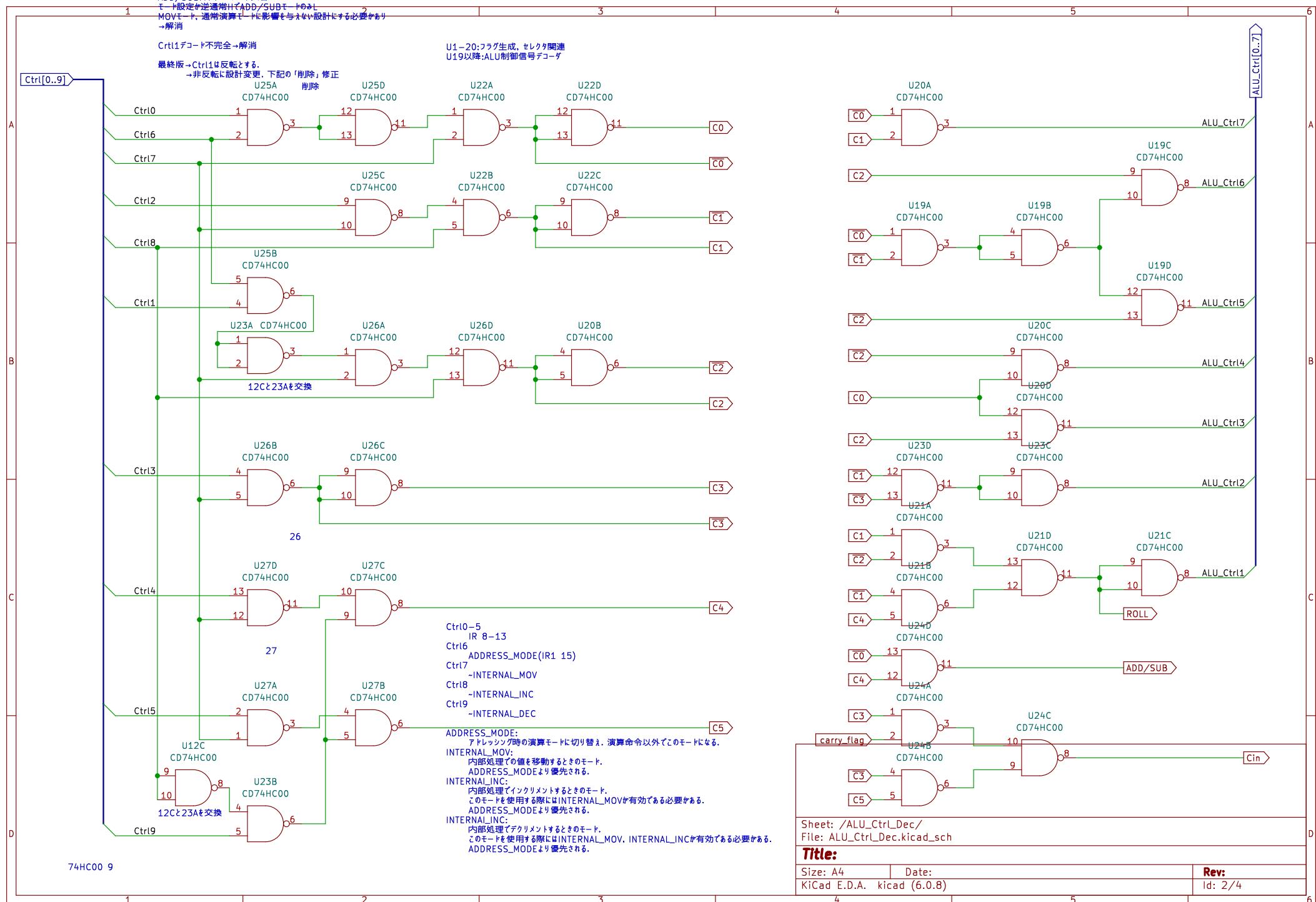


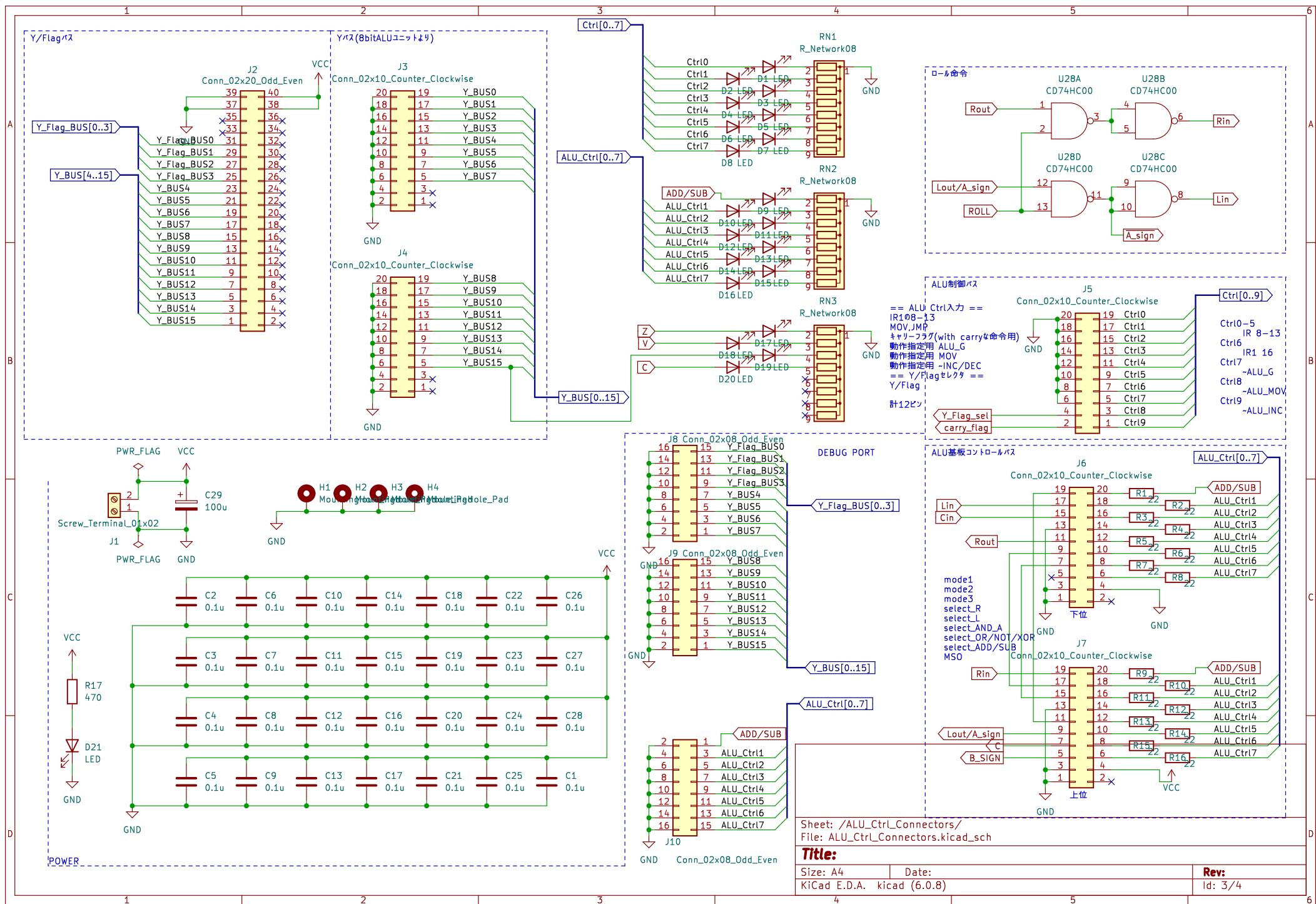
ファイル: ALU_Ctrl_Connectors.kicad_sch

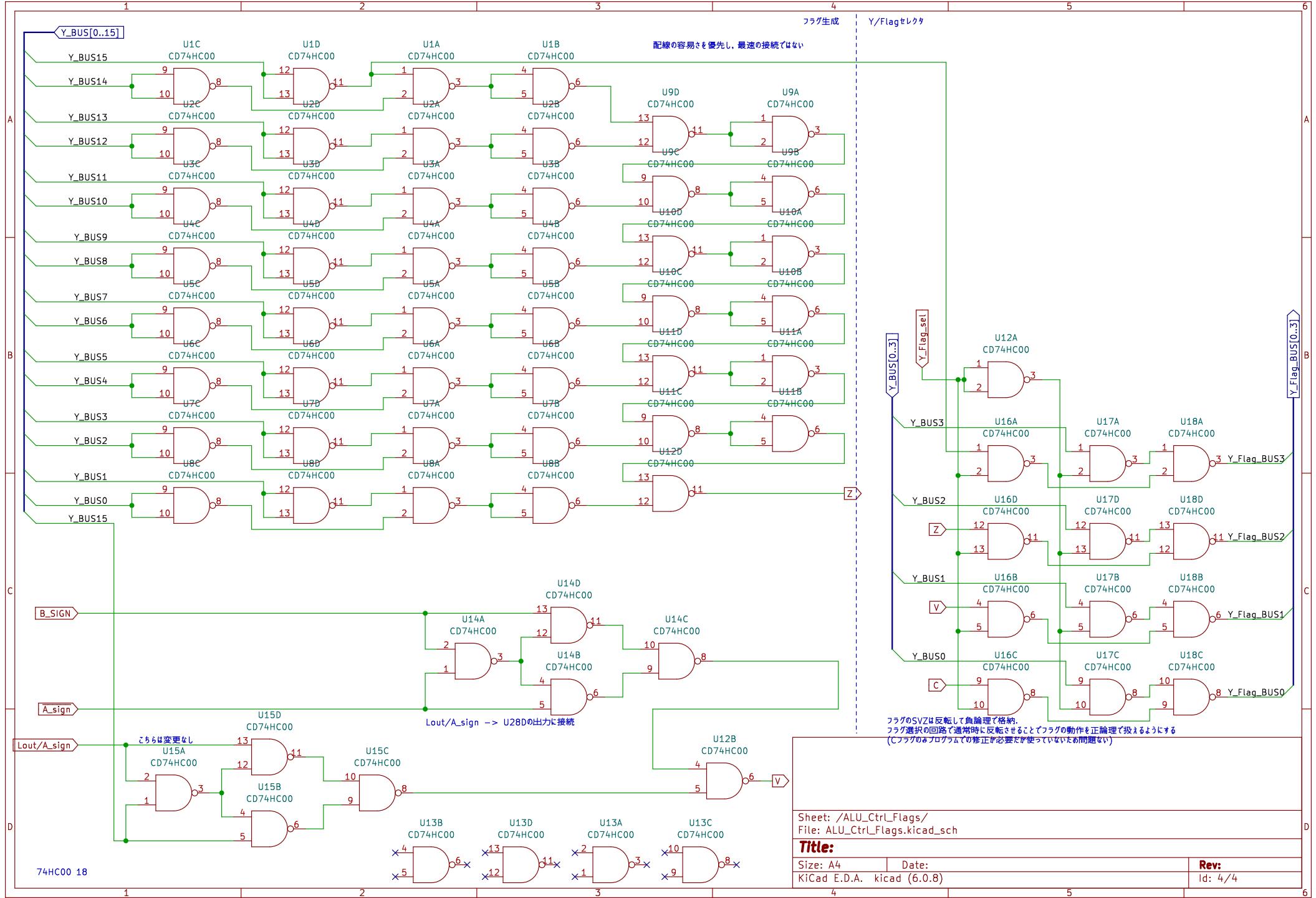
C

C

Cherry TechSheet: /
File: alu_ctrl.kicad_sch**Title: ALU制御**Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)Rev:
Id: 1/4







1 2 3 4 5 6

A

address_decoder



ファイル: address_decoder.kicad_sch

connectors



ファイル: connectors.kicad_sch

B

BUS_OUTPUT_Correction



ファイル: BUS_OUTPUT_Correction.kicad_sch

C

D

A

B

C

D

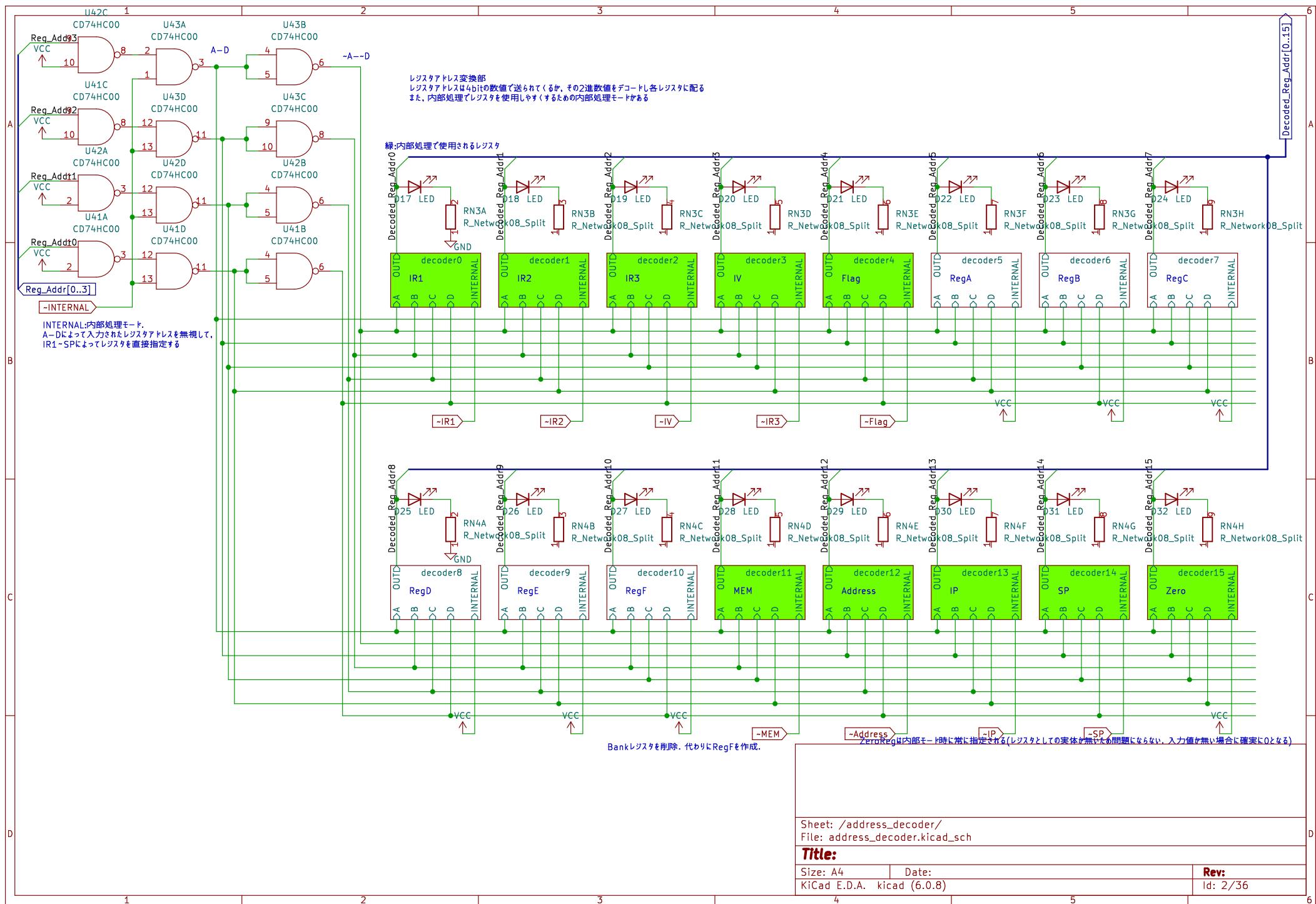
Sheet: /
File: A_BUS_Ctrl.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 1/36

1 2 3 4 5 6



1 2 3 4 5 6

A

A

B

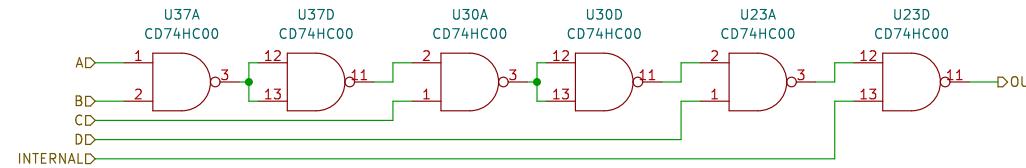
B

C

C

D

D



Sheet: /address_decoder/decoder1/
File: decoder.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 3/36

1 2 3 4 5 6

1 2 3 4 5 6

A

A

B

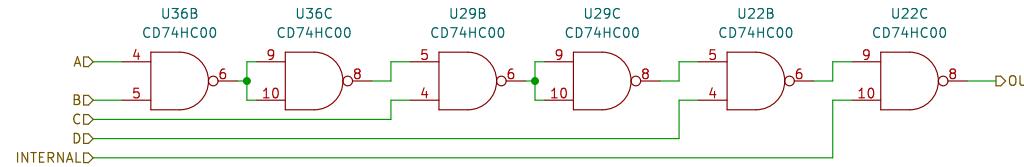
B

C

C

D

D



Sheet: /address_decoder/decoder2/
File: decoder.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 4/36

1 2 3 4 5 6

1 2 3 4 5 6

A

A

B

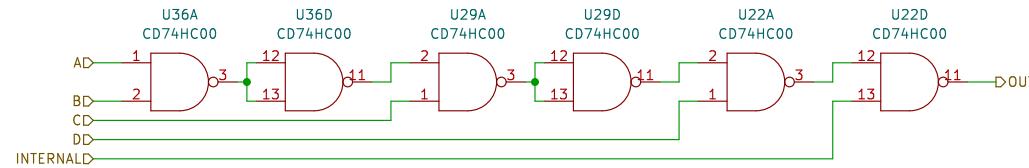
B

C

C

D

D



Sheet: /address_decoder/decoder3/
File: decoder.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 5/36

1 2 3 4 5 6

1 2 3 4 5 6

A

A

B

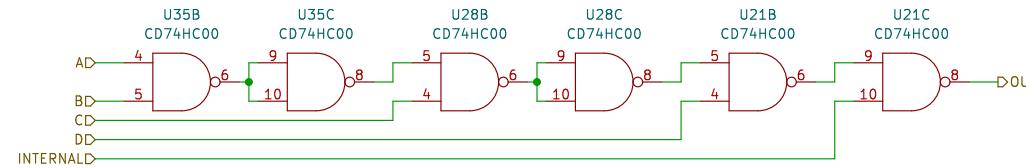
B

C

C

D

D



Sheet: /address_decoder/decoder4/
File: decoder.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 6/36

1 2 3 4 5 6

1 2 3 4 5 6

A

A

B

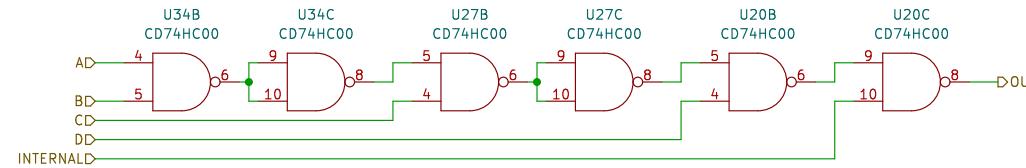
B

C

C

D

D



Sheet: /address_decoder/decoder6/
File: decoder.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 7/36

1 2 3 4 5 6

1 2 3 4 5 6

A

A

B

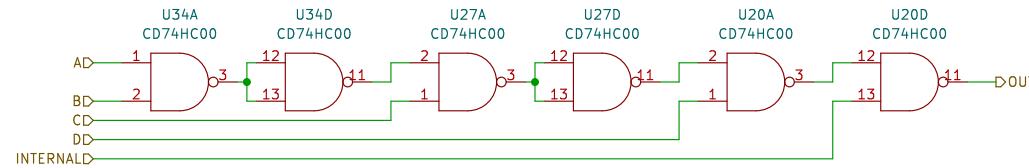
B

C

C

D

D



Sheet: /address_decoder/decoder7/
File: decoder.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 8/36

1 2 3 4 5 6

1 2 3 4 5 6

A

A

B

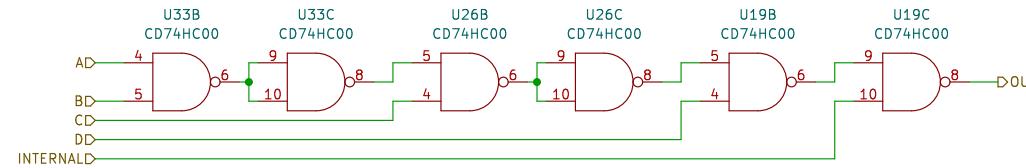
B

C

C

D

D



Sheet: /address_decoder/decoder8/
File: decoder.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 9/36

1 2 3 4 5 6

1 2 3 4 5 6

A

A

B

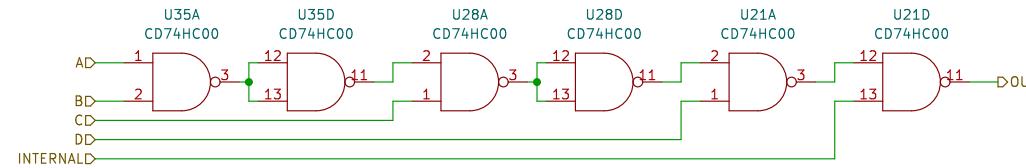
B

C

C

D

D



Sheet: /address_decoder/decoder5/
File: decoder.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 10/36

1 2 3 4 5 6

1 2 3 4 5 6

A

A

B

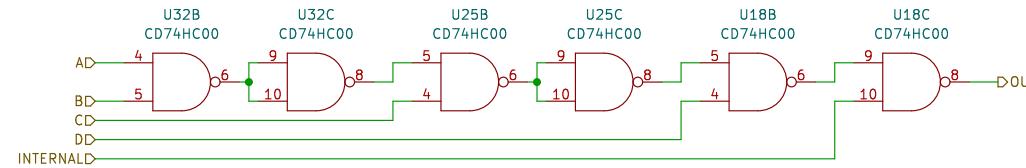
B

C

C

D

D



Sheet: /address_decoder/decoder10/
File: decoder.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 11/36

1 2 3 4 5 6

1 2 3 4 5 6

A

A

B

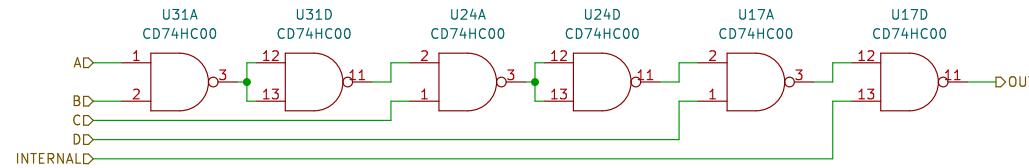
B

C

C

D

D



Sheet: /address_decoder/decoder13/
File: decoder.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 12/36

1 2 3 4 5 6

1 2 3 4 5 6

A

A

B

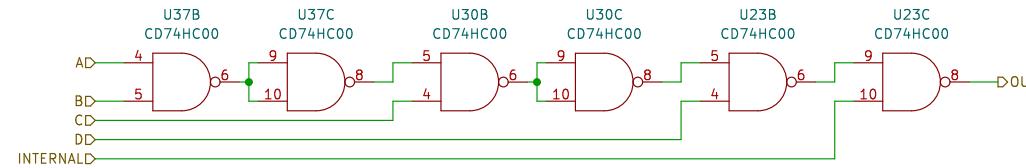
B

C

C

D

D



Sheet: /address_decoder/decoder0/
File: decoder.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 13/36

1 2 3 4 5 6

1 2 3 4 5 6

A

A

B

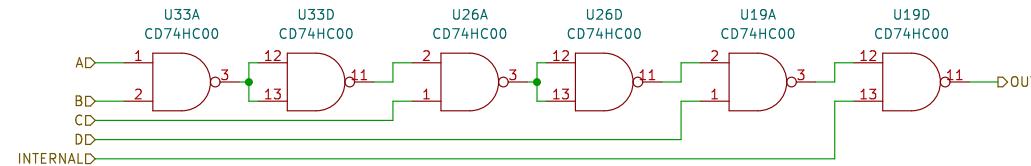
B

C

C

D

D



Sheet: /address_decoder/decoder9/
File: decoder.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 14/36

1 2 3 4 5 6

1 2 3 4 5 6

A

A

B

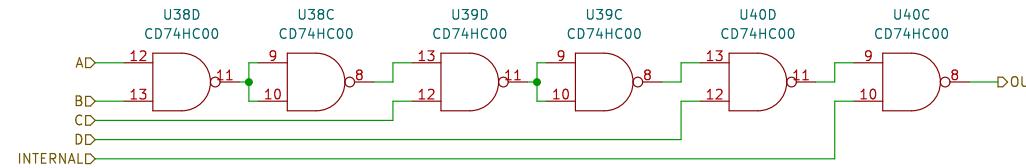
B

C

C

D

D



Sheet: /address_decoder/decoder15/
File: decoder.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 15/36

1 2 3 4 5 6

1 2 3 4 5 6

A

A

B

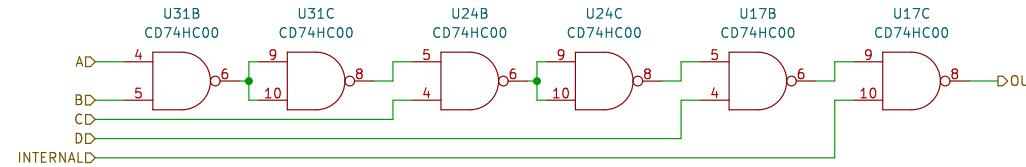
B

C

C

D

D



Sheet: /address_decoder/decoder12/
File: decoder.kicad_sch

Title:

Size: A4 Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 16/36

1 2 3 4 5 6

1 2 3 4 5 6

A

A

B

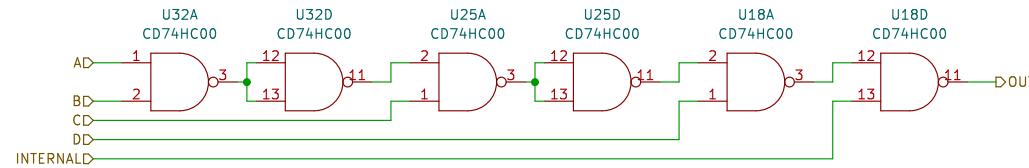
B

C

C

D

D



Sheet: /address_decoder/decoder11/
File: decoder.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 17/36

1 2 3 4 5 6

1 2 3 4 5 6

A

A

B

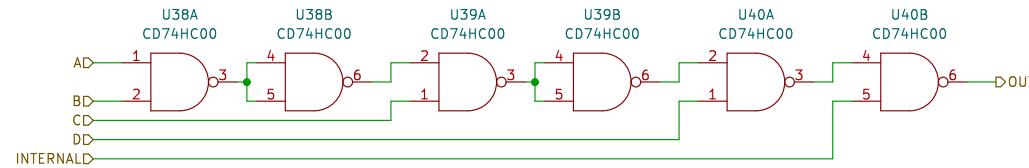
B

C

C

D

D



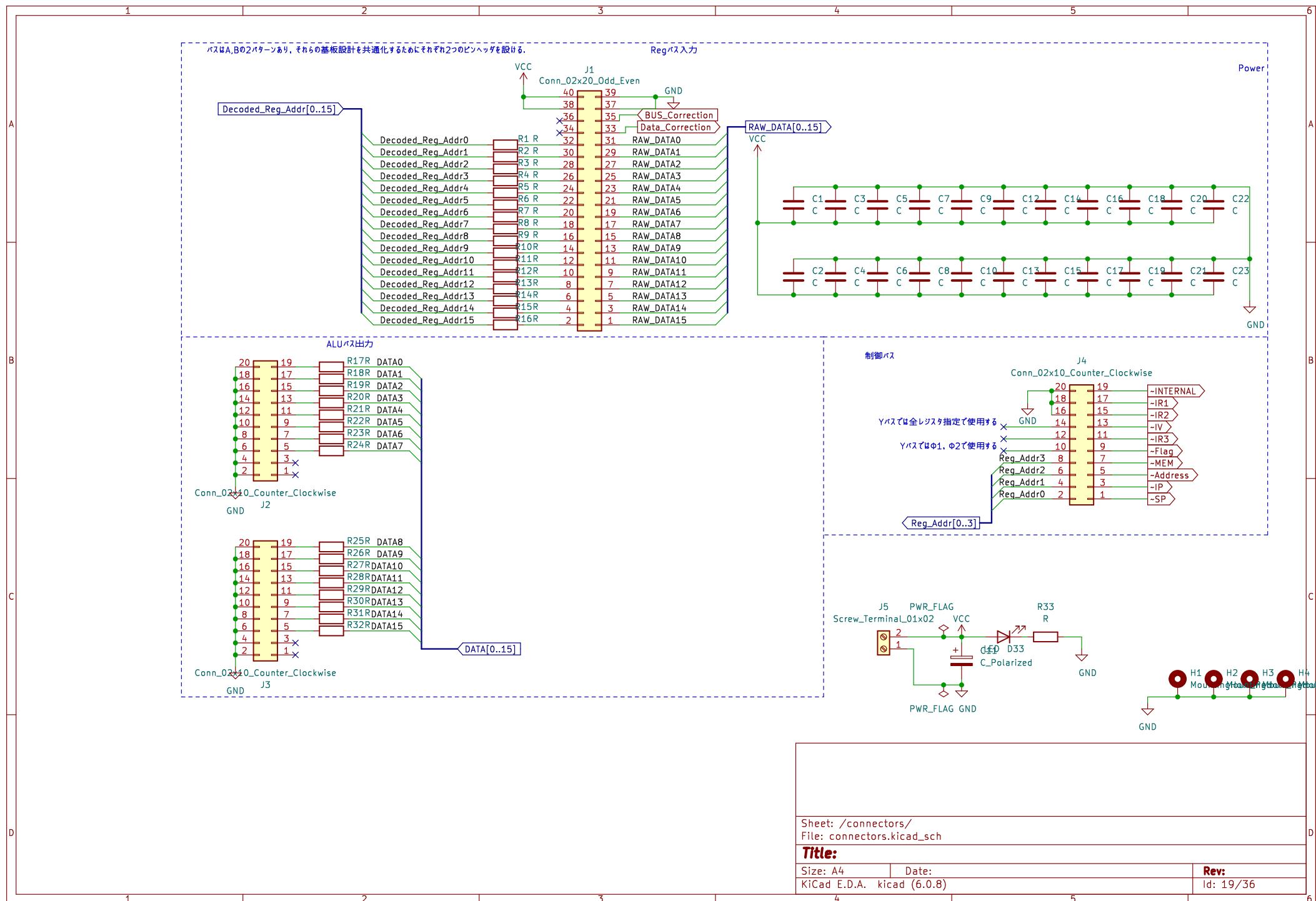
Sheet: /address_decoder/decoder14/
File: decoder.kicad_sch

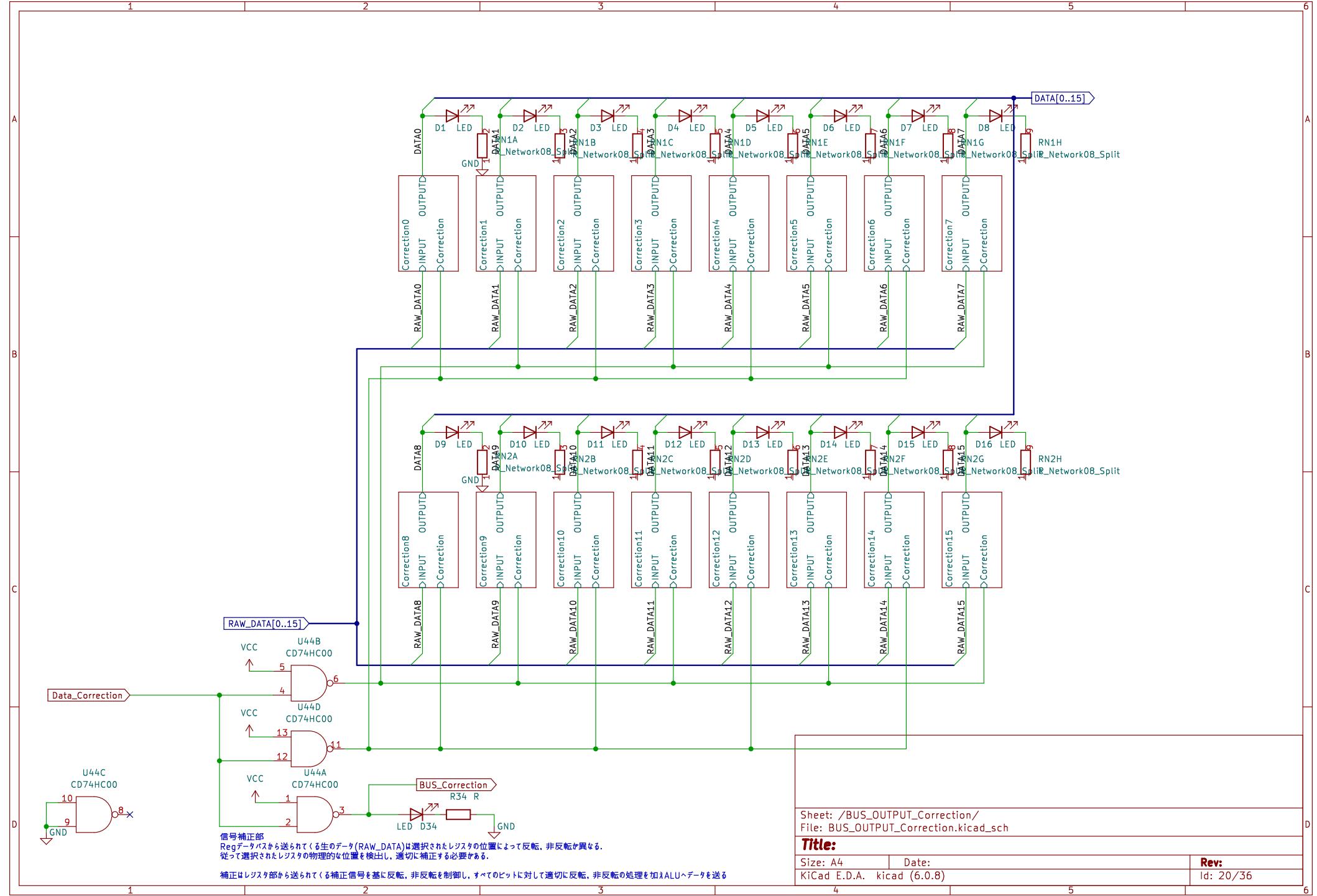
Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 18/36

1 2 3 4 5 6





A

A

B

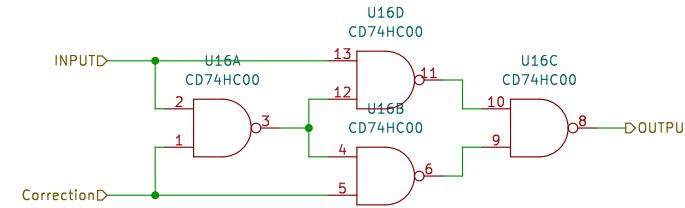
B

C

C

D

D



実体はXOR。
選択されたバスの位置を認識し、位置に応じた補正信号(Correction)を受け取る。
受け取った補正信号によって出力の反転、非反転を制御し、元のデータを復元する。

Sheet: /BUS_OUTPUT_Correction/Correction0/
File: Correction.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 21/36

A

B

C

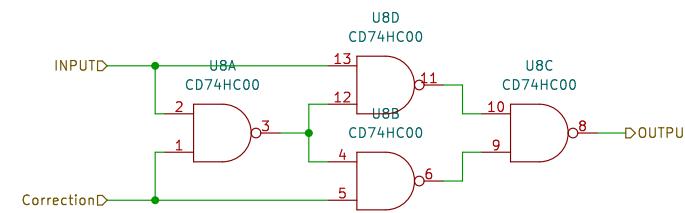
D

A

B

C

D



実体はXOR。
選択されたバスの位置を認識し、位置に応じた補正信号(Correction)を受け取る。
受け取った補正信号によって出力の反転、非反転を制御し、元のデータを復元する。

Sheet: /BUS_OUTPUT_Correction/Correction1/
File: Correction.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 22/36

A

A

B

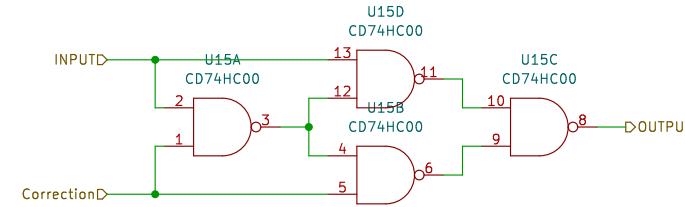
B

C

C

D

D



実体はXOR。
選択されたバスの位置を認識し、位置に応じた補正信号(Correction)を受け取る。
受け取った補正信号によって出力の反転、非反転を制御し、元のデータを復元する。

Sheet: /BUS_OUTPUT_Correction/Correction2/
File: Correction.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 23/36

A

A

B

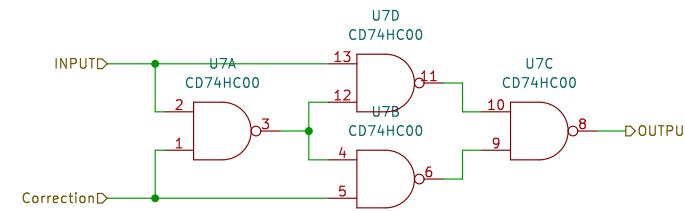
B

C

C

D

D



実体はXOR。
選択されたバスの位置を認識し、位置に応じた補正信号(Correction)を受け取る。
受け取った補正信号によって出力の反転、非反転を制御し、元のデータを復元する。

Sheet: /BUS_OUTPUT_Correction/Correction3/
File: Correction.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 24/36

A

A

B

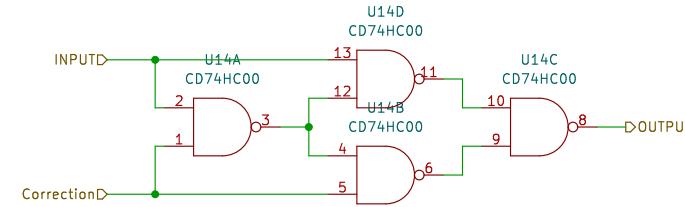
B

C

C

D

D



実体はXOR。
選択されたバスの位置を認識し、位置に応じた補正信号(Correction)を受け取る。
受け取った補正信号によって出力の反転、非反転を制御し、元のデータを復元する。

Sheet: /BUS_OUTPUT_Correction/Correction4/
File: Correction.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 25/36

A

A

B

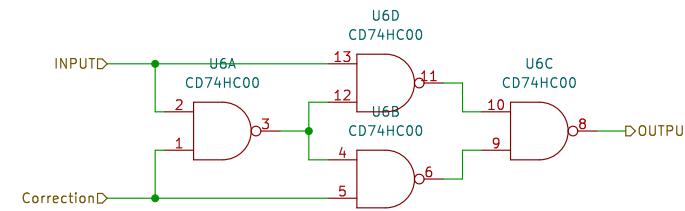
B

C

C

D

D



実体はXOR。
選択されたバスの位置を認識し、位置に応じた補正信号(Correction)を受け取る。
受け取った補正信号によって出力の反転、非反転を制御し、元のデータを復元する。

Sheet: /BUS_OUTPUT_Correction/Correction5/
File: Correction.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 26/36

A

A

B

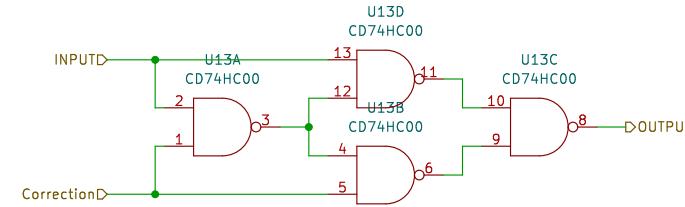
B

C

C

D

D



実体はXOR。
選択されたバスの位置を認識し、位置に応じた補正信号(Correction)を受け取る。
受け取った補正信号によって出力の反転、非反転を制御し、元のデータを復元する。

Sheet: /BUS_OUTPUT_Correction/Correction6/
File: Correction.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 27/36

A

A

B

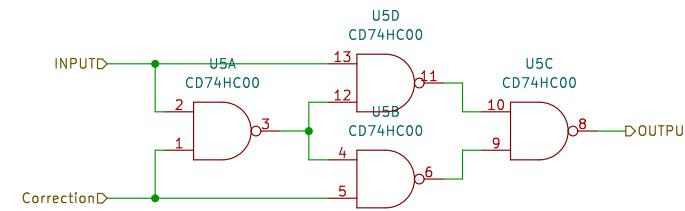
B

C

C

D

D



実体はXOR。
選択されたバスの位置を認識し、位置に応じた補正信号(Correction)を受け取る。
受け取った補正信号によって出力の反転、非反転を制御し、元のデータを復元する。

Sheet: /BUS_OUTPUT_Correction/Correction7/
File: Correction.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 28/36

A

A

B

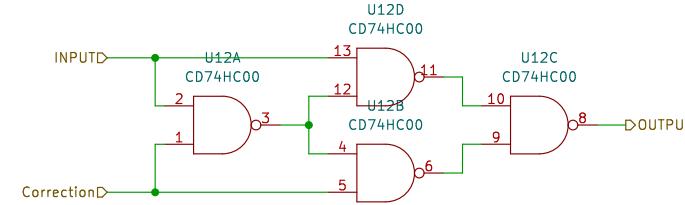
B

C

C

D

D



実体はXOR。
選択されたバスの位置を認識し、位置に応じた補正信号(Correction)を受け取る。
受け取った補正信号によって出力の反転、非反転を制御し、元のデータを復元する。

Sheet: /BUS_OUTPUT_Correction/Correction8/
File: Correction.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 29/36

A

A

B

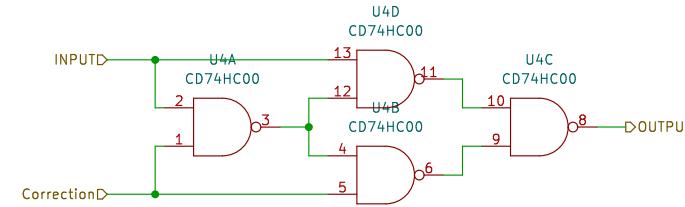
B

C

C

D

D



実体はXOR。
選択されたバスの位置を認識し、位置に応じた補正信号(Correction)を受け取る。
受け取った補正信号によって出力の反転、非反転を制御し、元のデータを復元する。

Sheet: /BUS_OUTPUT_Correction/Correction9/
File: Correction.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 30/36

A

A

B

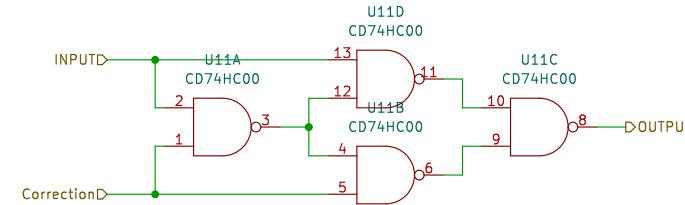
B

C

C

D

D



実体はXOR。
選択されたバスの位置を認識し、位置に応じた補正信号(Correction)を受け取る。
受け取った補正信号によって出力の反転、非反転を制御し、元のデータを復元する。

Sheet: /BUS_OUTPUT_Correction/Correction10/
File: Correction.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 31/36

A

B

C

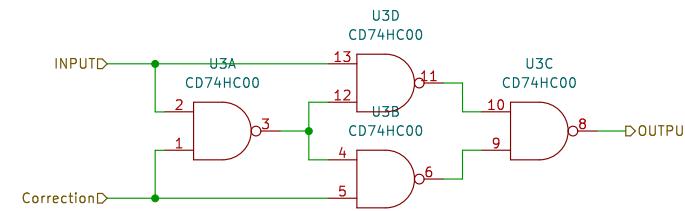
D

A

B

C

D



実体はXOR。
選択されたバスの位置を認識し、位置に応じた補正信号(Correction)を受け取る。
受け取った補正信号によって出力の反転、非反転を制御し、元のデータを復元する。

Sheet: /BUS_OUTPUT_Correction/Correction11/
File: Correction.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 32/36

A

A

B

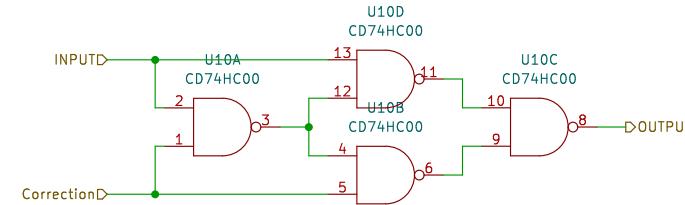
B

C

C

D

D



実体はXOR。
選択されたバスの位置を認識し、位置に応じた補正信号(Correction)を受け取る。
受け取った補正信号によって出力の反転、非反転を制御し、元のデータを復元する。

Sheet: /BUS_OUTPUT_Correction/Correction12/
File: Correction.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 33/36

A

A

B

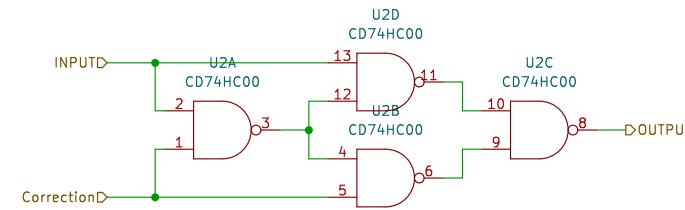
B

C

C

D

D



実体はXOR。
選択されたバスの位置を認識し、位置に応じた補正信号(Correction)を受け取る。
受け取った補正信号によって出力の反転、非反転を制御し、元のデータを復元する。

Sheet: /BUS_OUTPUT_Correction/Correction13/
File: Correction.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 34/36

A

A

B

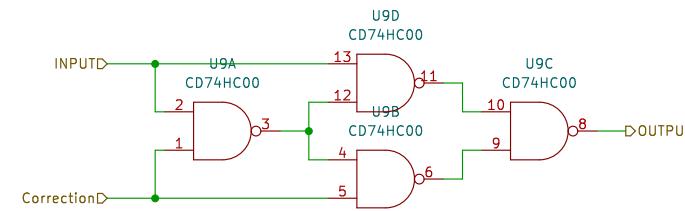
B

C

C

D

D



実体はXOR。
選択されたバスの位置を認識し、位置に応じた補正信号(Correction)を受け取る。
受け取った補正信号によって出力の反転、非反転を制御し、元のデータを復元する。

Sheet: /BUS_OUTPUT_Correction/Correction14/
File: Correction.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 35/36

A

A

B

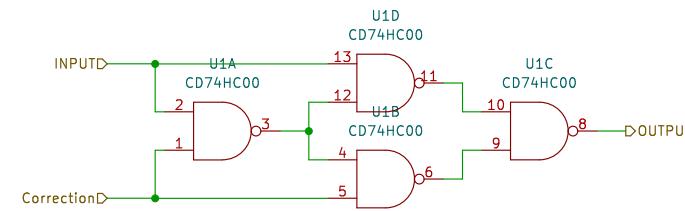
B

C

C

D

D



実体はXOR。
選択されたバスの位置を認識し、位置に応じた補正信号(Correction)を受け取る。
受け取った補正信号によって出力の反転、非反転を制御し、元のデータを復元する。

Sheet: /BUS_OUTPUT_Correction/Correction15/
File: Correction.kicad_sch

Title:

Size: A4 Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 36/36

1 2 3 4 5 6

A



ファイル: address_decoder.kicad_sch

TMP_Reg

ファイル: TMP_Reg.kicad_sch

B



ファイル: Connector.kicad_sch

C

D

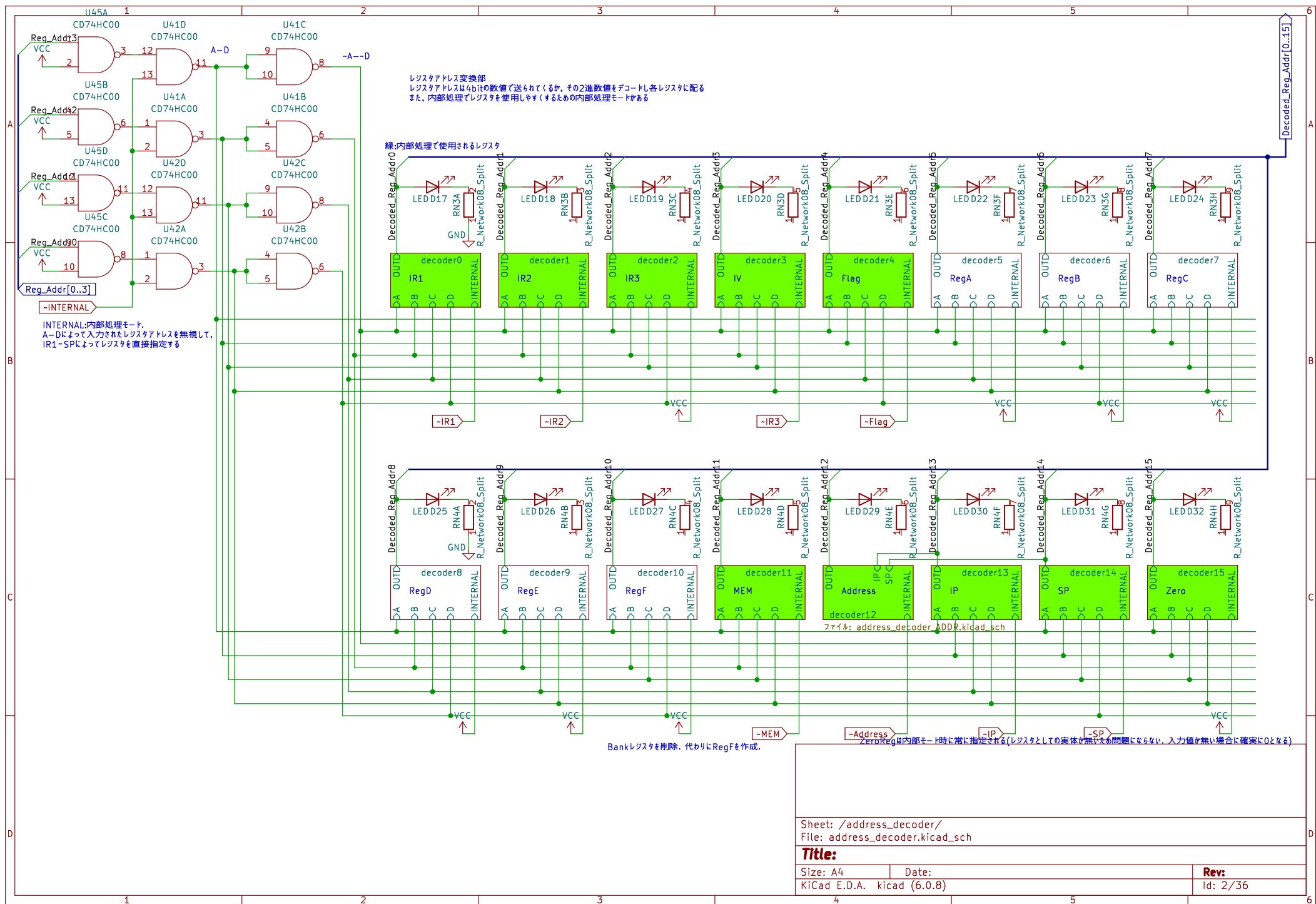
Sheet: /
File: Y_BUS_Ctrl.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 1/36

1 2 3 4 5 6



A

B

C

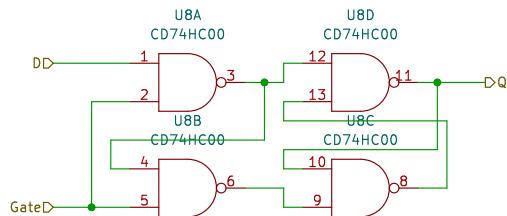
D

A

B

C

D



Sheet: /TMP_Reg/Reg1/
File: Reg.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 3/36

A

B

C

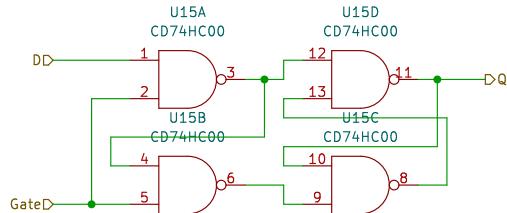
D

A

B

C

D



Sheet: /TMP_Reg/Reg2/
File: Reg.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 4/36

A

B

C

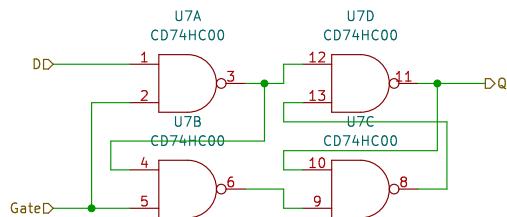
D

A

B

C

D



Sheet: /TMP_Reg/Reg3/
File: Reg.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 5/36

A

B

C

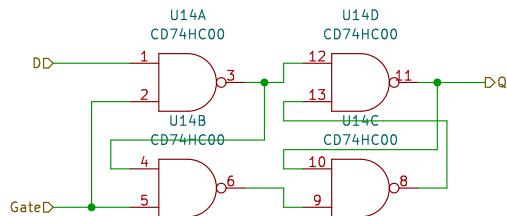
D

A

B

C

D



Sheet: /TMP_Reg/Reg4/
File: Reg.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 6/36

A

B

C

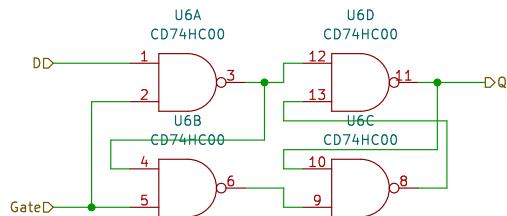
D

A

B

C

D



Sheet: /TMP_Reg/Reg5/
File: Reg.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 7/36

A

B

C

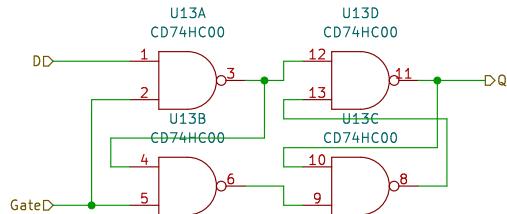
D

A

B

C

D



Sheet: /TMP_Reg/Reg6/
File: Reg.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 8/36

A

B

C

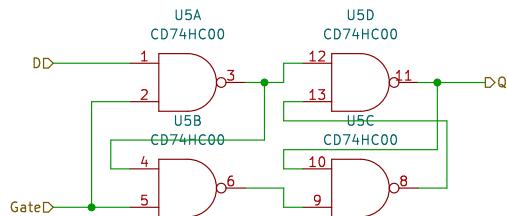
D

A

B

C

D



Sheet: /TMP_Reg/Reg7/
File: Reg.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 9/36

A

B

C

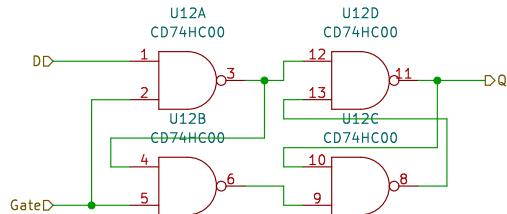
D

A

B

C

D



Sheet: /TMP_Reg/Reg8/
File: Reg.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 10/36

A

B

C

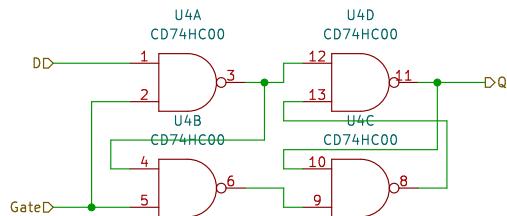
D

A

B

C

D



Sheet: /TMP_Reg/Reg9/
File: Reg.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 11/36

A

B

C

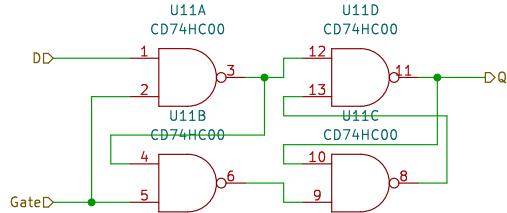
D

A

B

C

D



Sheet: /TMP_Reg/Reg10/
File: Reg.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 12/36

A

B

C

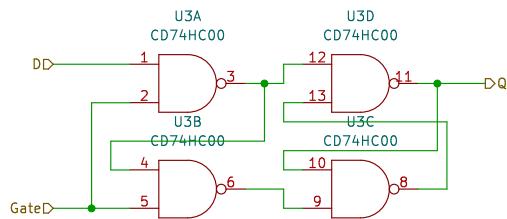
D

A

B

C

D



Sheet: /TMP_Reg/Reg11/
File: Reg.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 13/36

A

B

C

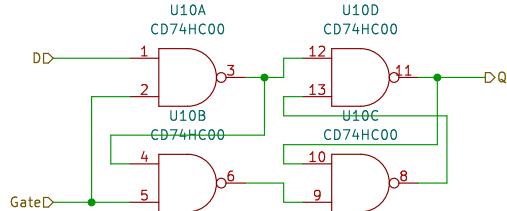
D

A

B

C

D



Sheet: /TMP_Reg/Reg12/
File: Reg.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 14/36

A

B

C

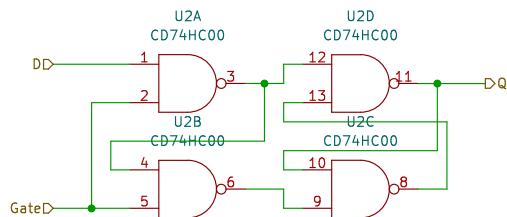
D

A

B

C

D



Sheet: /TMP_Reg/Reg13/
File: Reg.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 15/36

A

B

C

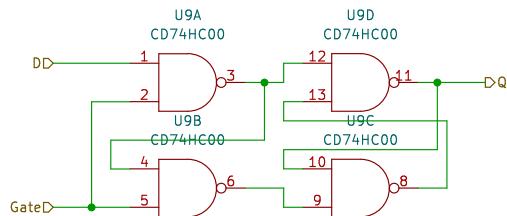
D

A

B

C

D



Sheet: /TMP_Reg/Reg14/
File: Reg.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 16/36

A

B

C

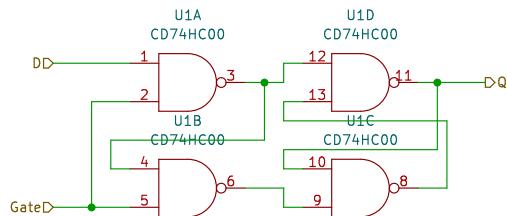
D

A

B

C

D



Sheet: /TMP_Reg/Reg15/
File: Reg.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 17/36

1 2 3 4 5 6

A

A

B

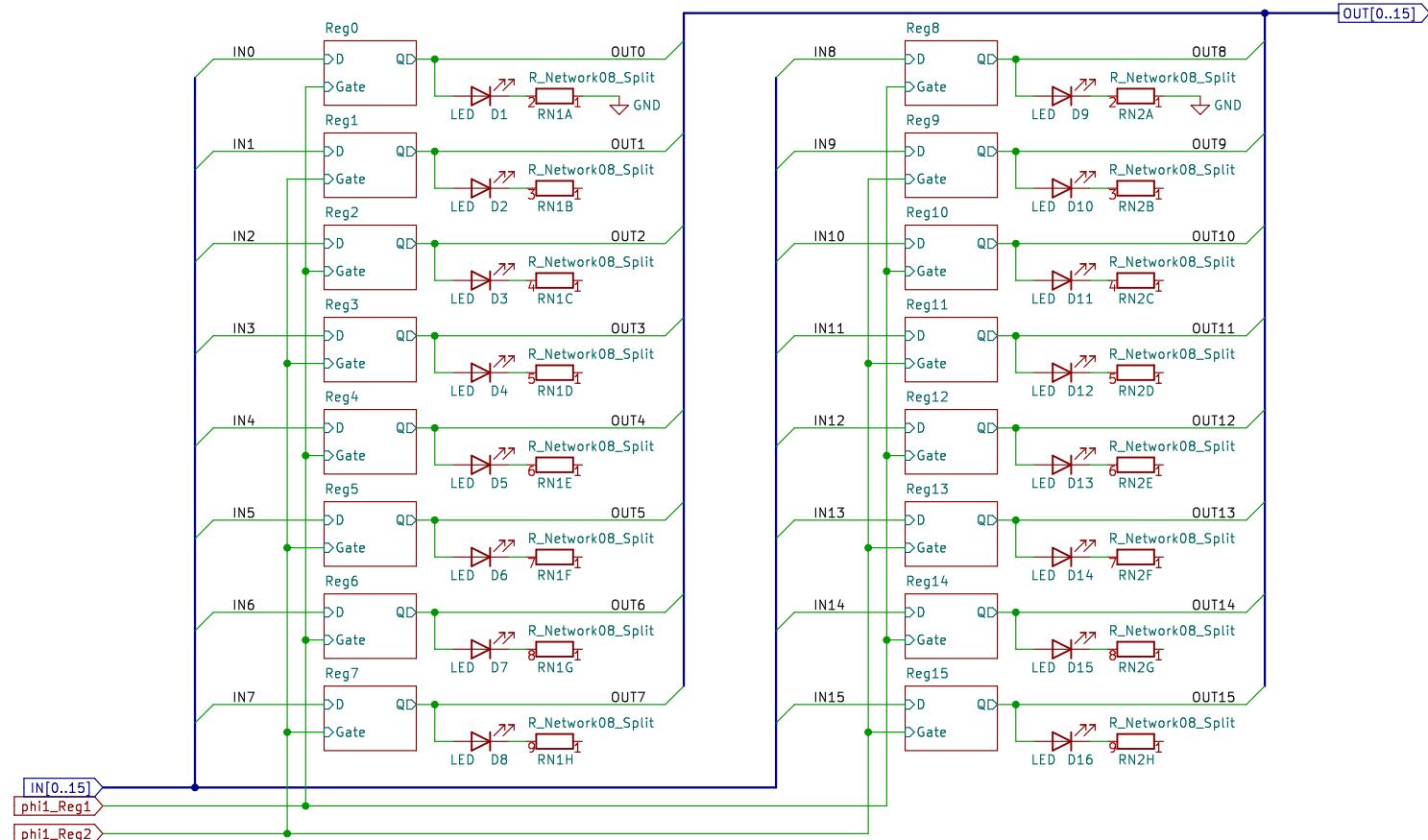
B

C

C

D

D



Sheet: /TMP_Reg/
File: TMP_Reg.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 19/36

1 2 3 4 5 6

A

B

C

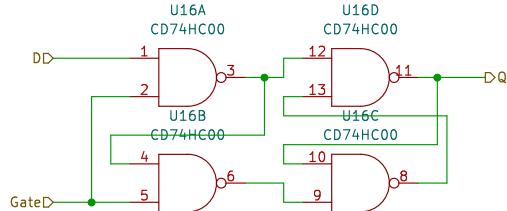
D

A

B

C

D



Sheet: /TMP_Reg/Reg0/
File: Reg.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 20/36

A

B

C

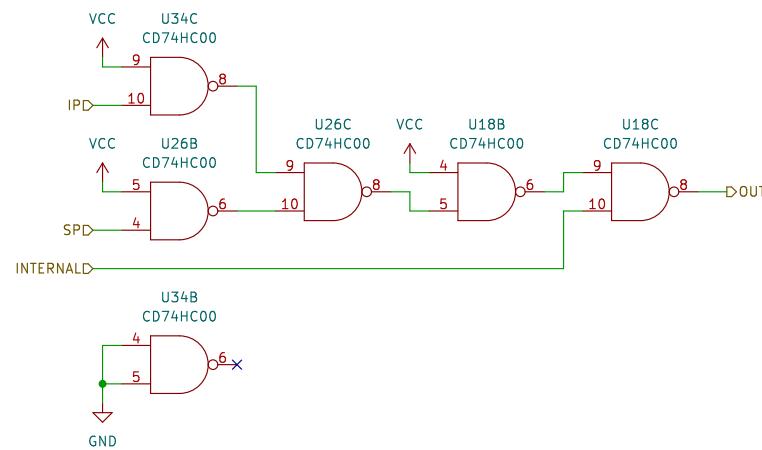
D

A

B

C

D

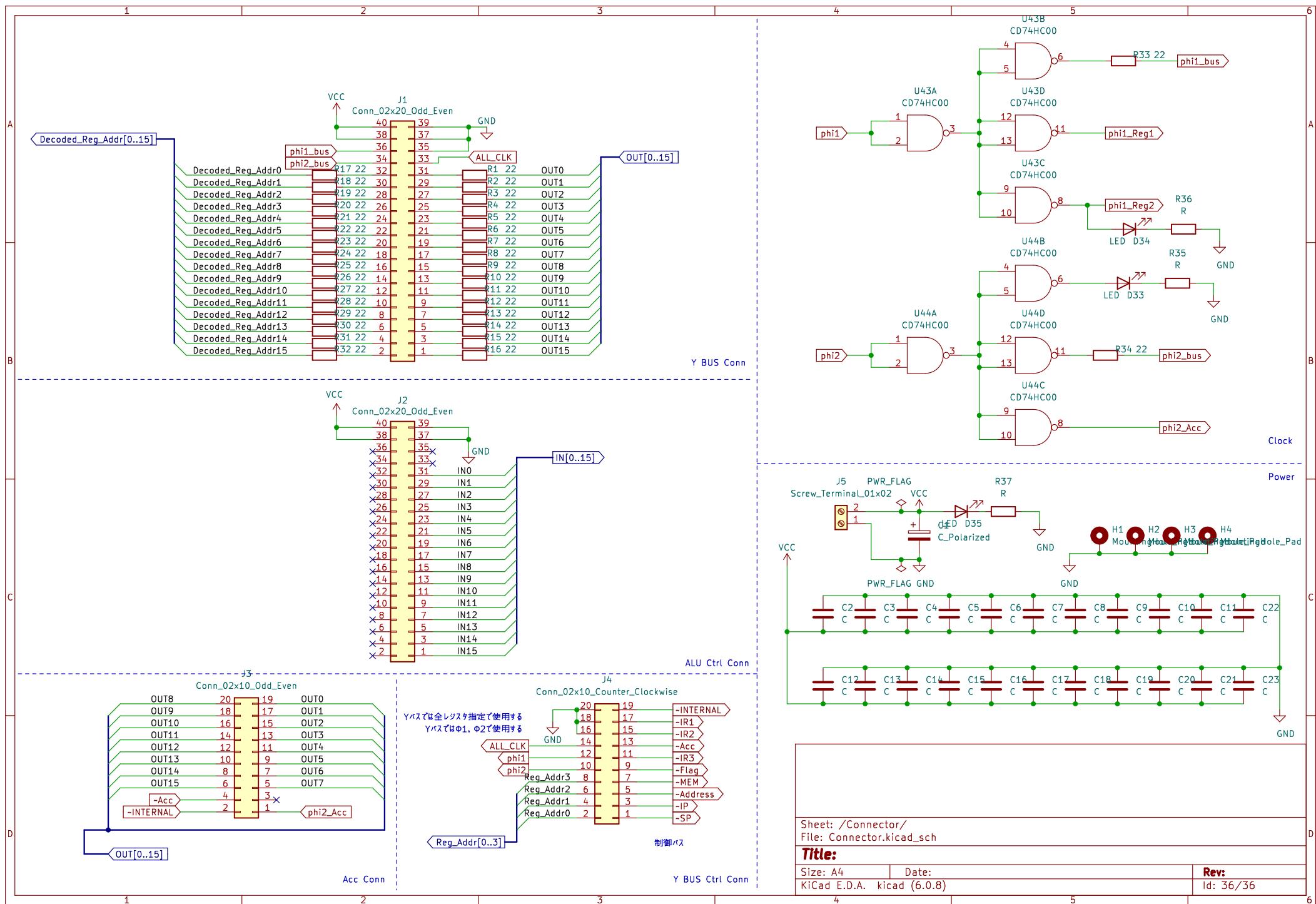


Sheet: /address_decoder/decoder12/
File: address_decoder_ADDR.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 36/36



1 2 3 4 5 6

A

A

B

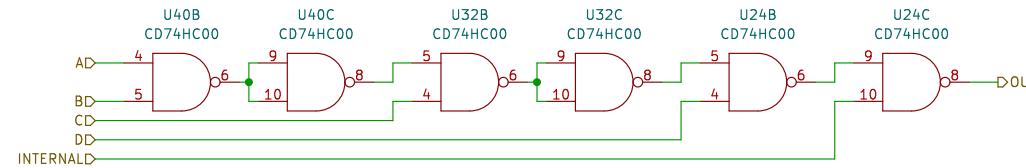
B

C

C

D

D



Sheet: /address_decoder/decoder0/
File: decoder.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: #/36

1 2 3 4 5 6

1 2 3 4 5 6

A

A

B

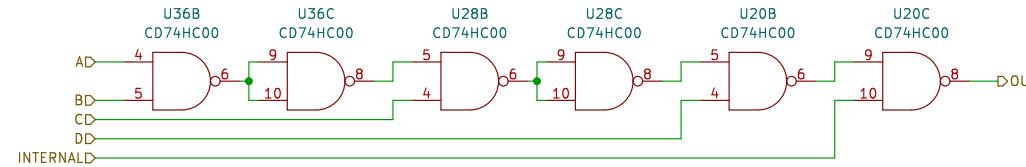
B

C

C

D

D



Sheet: /address_decoder/decoder8/
File: decoder.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: #/36

1 2 3 4 5 6

1 2 3 4 5 6

A

A

B

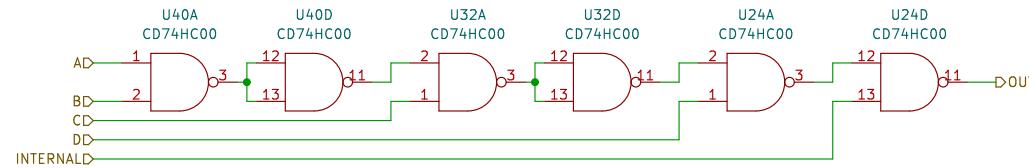
B

C

C

D

D



Sheet: /address_decoder/decoder1/
File: decoder.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: #/36

1 2 3 4 5 6

1 2 3 4 5 6

A

A

B

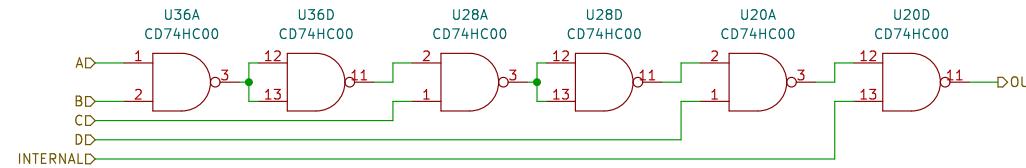
B

C

C

D

D



Sheet: /address_decoder/decoder9/
File: decoder.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: #/36

1 2 3 4 5 6

1 2 3 4 5 6

A

A

B

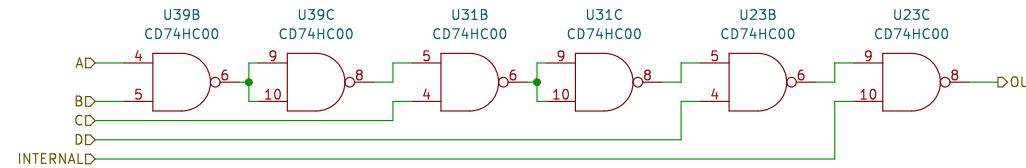
B

C

C

D

D



Sheet: /address_decoder/decoder2/
File: decoder.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: #/36

1 2 3 4 5 6

1 2 3 4 5 6

A

A

B

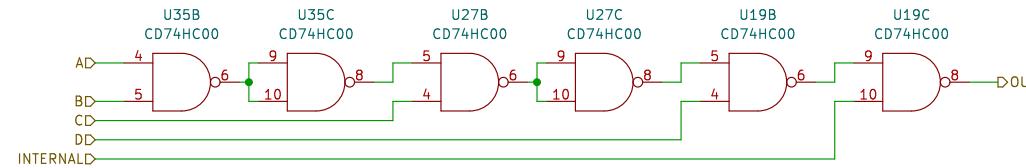
B

C

C

D

D



Sheet: /address_decoder/decoder10/
File: decoder.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: #/36

1 2 3 4 5 6

1 2 3 4 5 6

A

A

B

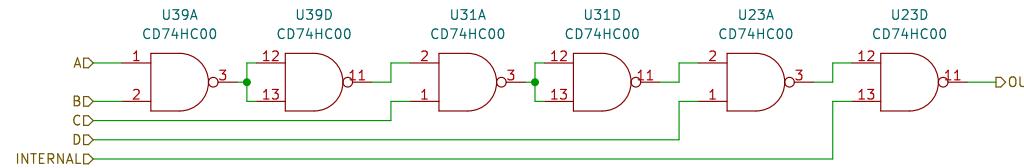
B

C

C

D

D



Sheet: /address_decoder/decoder3/
File: decoder.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: #/36

1 2 3 4 5 6

1 2 3 4 5 6

A

A

B

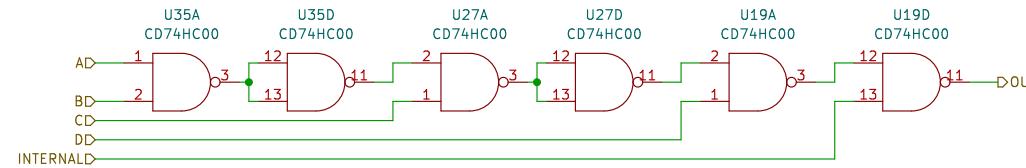
B

C

C

D

D



Sheet: /address_decoder/decoder11/
File: decoder.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: #/36

1 2 3 4 5 6

1 2 3 4 5 6

A

A

B

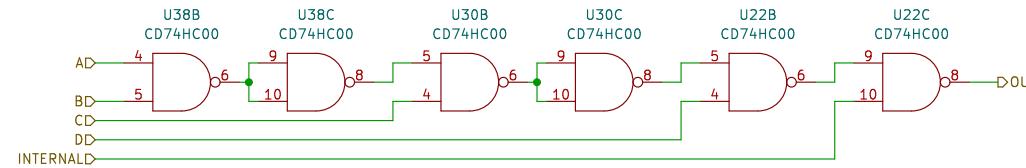
B

C

C

D

D



Sheet: /address_decoder/decoder4/
File: decoder.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: #/36

1 2 3 4 5 6

1 2 3 4 5 6

A

A

B

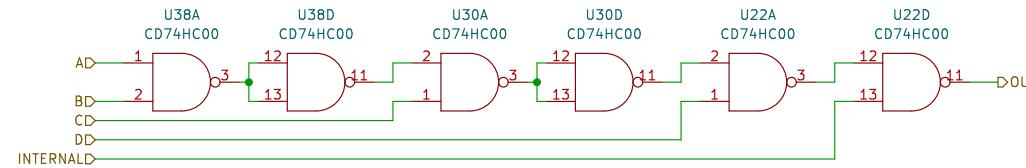
B

C

C

D

D



Sheet: /address_decoder/decoder5/
File: decoder.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: #/36

1 2 3 4 5 6

A

A

B

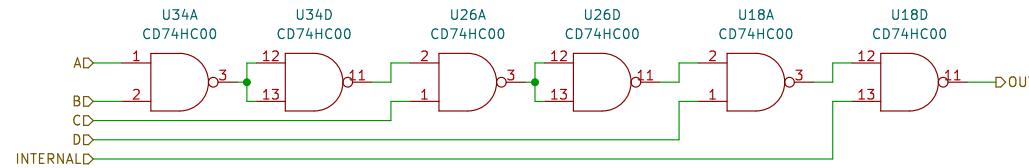
B

C

C

D

D



Sheet: /address_decoder/decoder13/
File: decoder.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: #/36

1 2 3 4 5 6

A

A

B

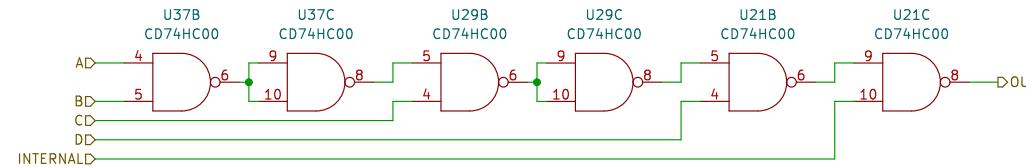
B

C

C

D

D



Sheet: /address_decoder/decoder6/
File: decoder.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: #/36

1 2 3 4 5 6

1 2 3 4 5 6

A

A

B

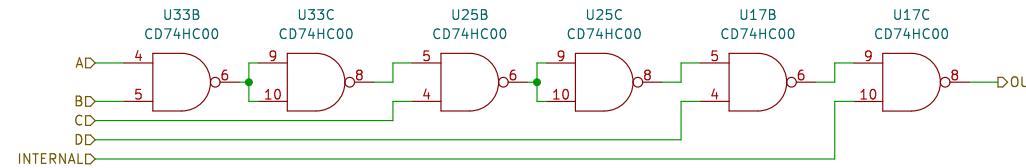
B

C

C

D

D



Sheet: /address_decoder/decoder14/
File: decoder.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: #/36

1 2 3 4 5 6

A

A

B

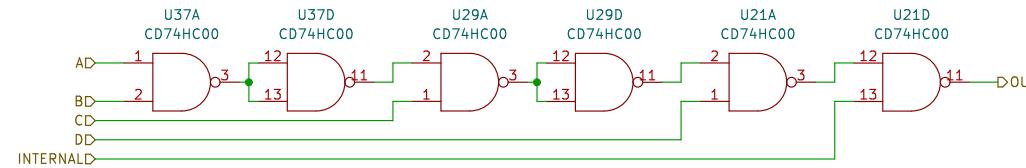
B

C

C

D

D



Sheet: /address_decoder/decoder7/
File: decoder.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: #/36

1 2 3 4 5 6

A

A

B

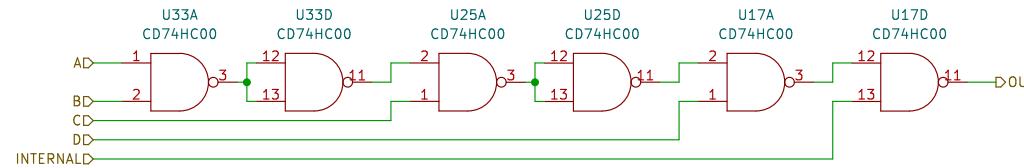
B

C

C

D

D



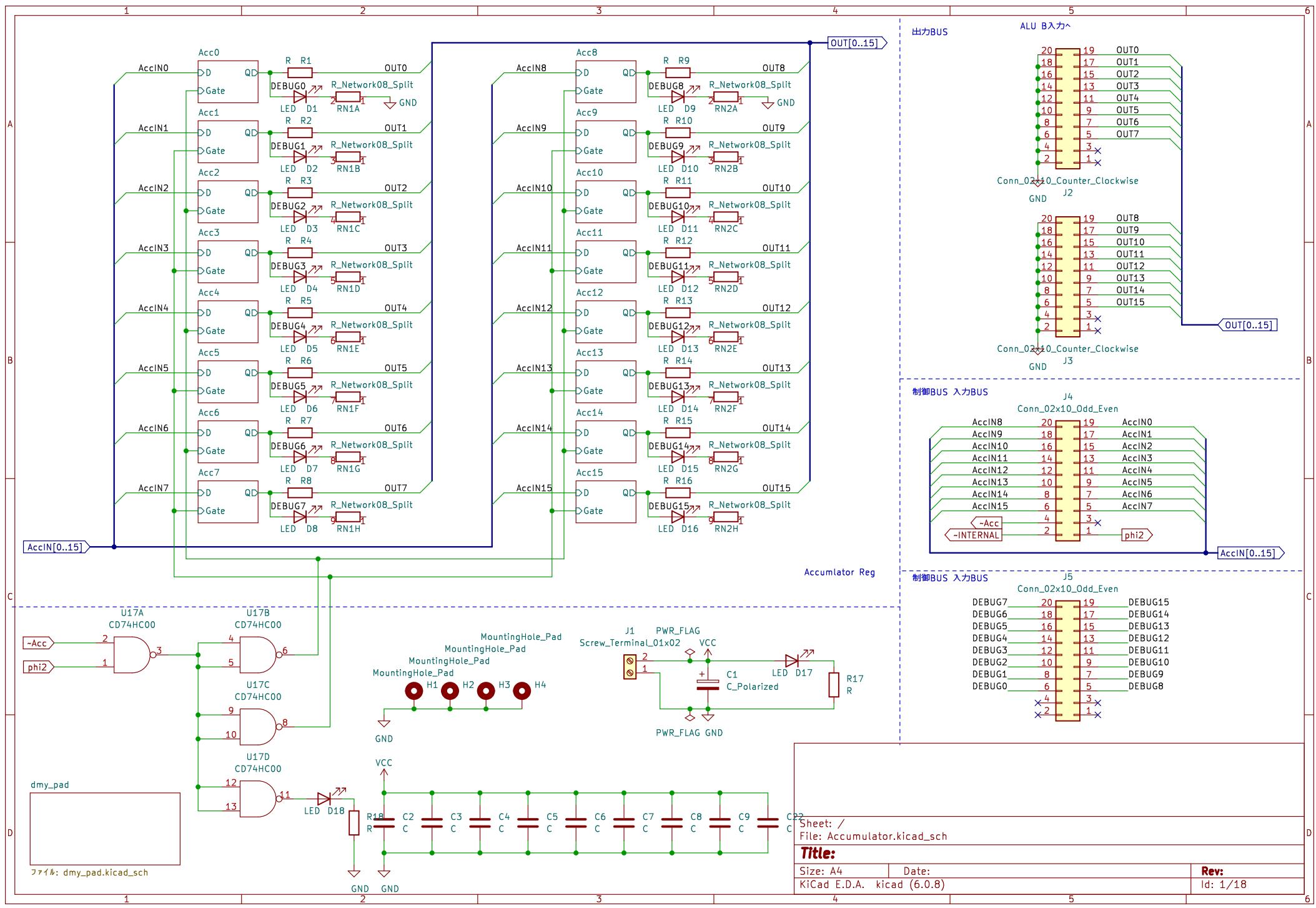
Sheet: /address_decoder/decoder15/
File: decoder.kicad_sch

Title:

Size: A4 Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: #/36

1 2 3 4 5 6



A

B

C

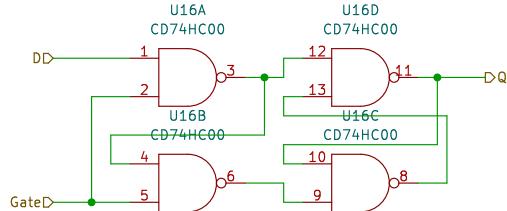
D

A

B

C

D



Sheet: /Acc0/
File: Reg.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 2/18

A

B

C

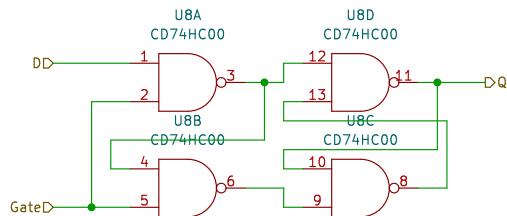
D

A

B

C

D



Sheet: /Acc1/
File: Reg.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 3/18

A

B

C

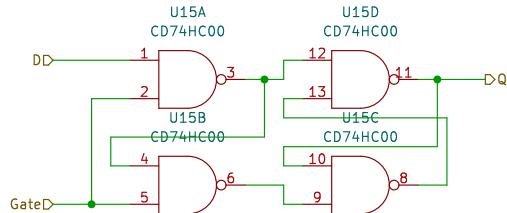
D

A

B

C

D



Sheet: /Acc2/
File: Reg.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 4/18

A

B

C

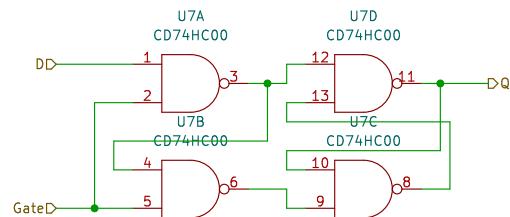
D

A

B

C

D



Sheet: /Acc3/
File: Reg.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 5/18

A

B

C

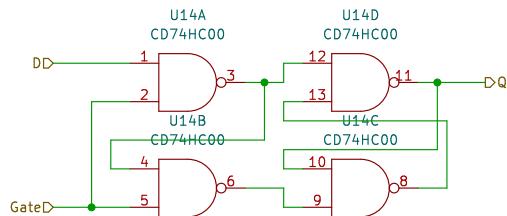
D

A

B

C

D



Sheet: /Acc4/
File: Reg.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 6/18

A

B

C

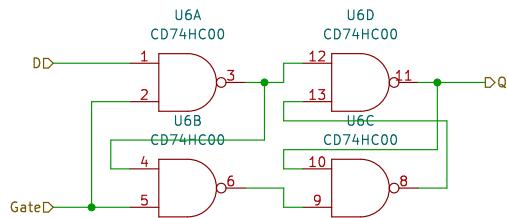
D

A

B

C

D



Sheet: /Acc5/
File: Reg.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 7/18

A

B

C

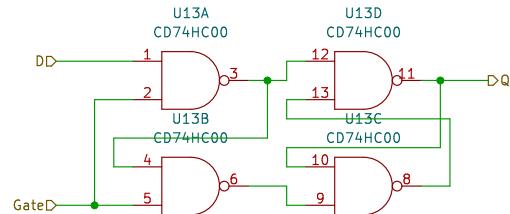
D

A

B

C

D



Sheet: /Acc6/
File: Reg.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 8/18

A

B

C

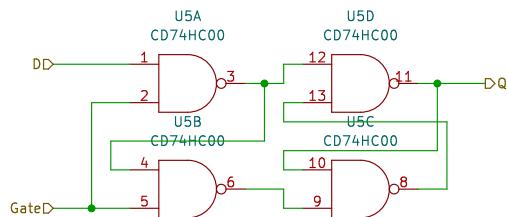
D

A

B

C

D



Sheet: /Acc7/
File: Reg.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 9/18

A

B

C

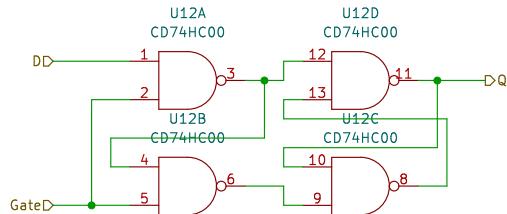
D

A

B

C

D



Sheet: /Acc8/
File: Reg.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 10/18

A

B

C

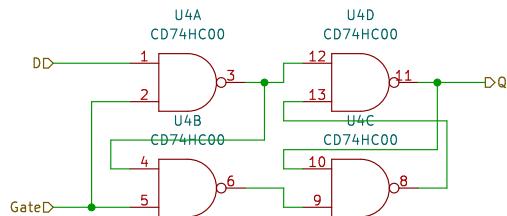
D

A

B

C

D



Sheet: /Acc9/
File: Reg.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 11/18

A

B

C

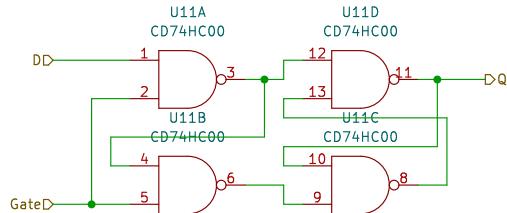
D

A

B

C

D



Sheet: /Acc10/
File: Reg.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 12/18

A

B

C

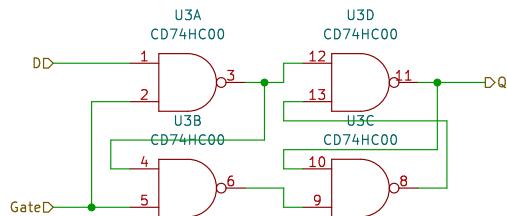
D

A

B

C

D



Sheet: /Acc11/
File: Reg.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 13/18

A

B

C

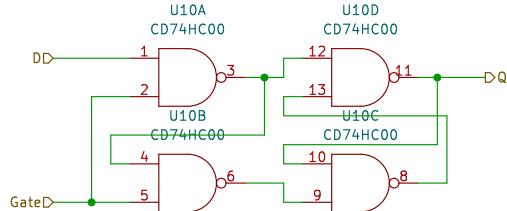
D

A

B

C

D



Sheet: /Acc12/
File: Reg.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 14/18

A

B

C

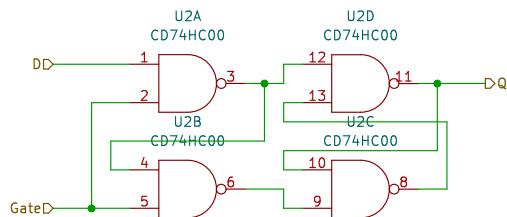
D

A

B

C

D



Sheet: /Acc13/
File: Reg.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 15/18

A

B

C

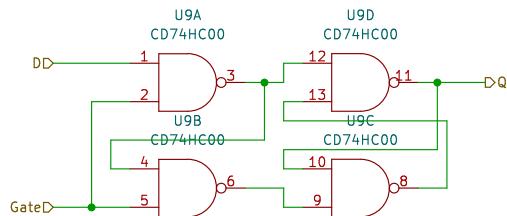
D

A

B

C

D



Sheet: /Acc14/
File: Reg.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 16/18

A

B

C

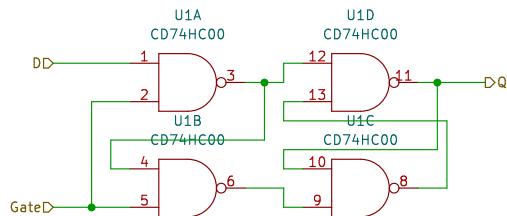
D

A

B

C

D

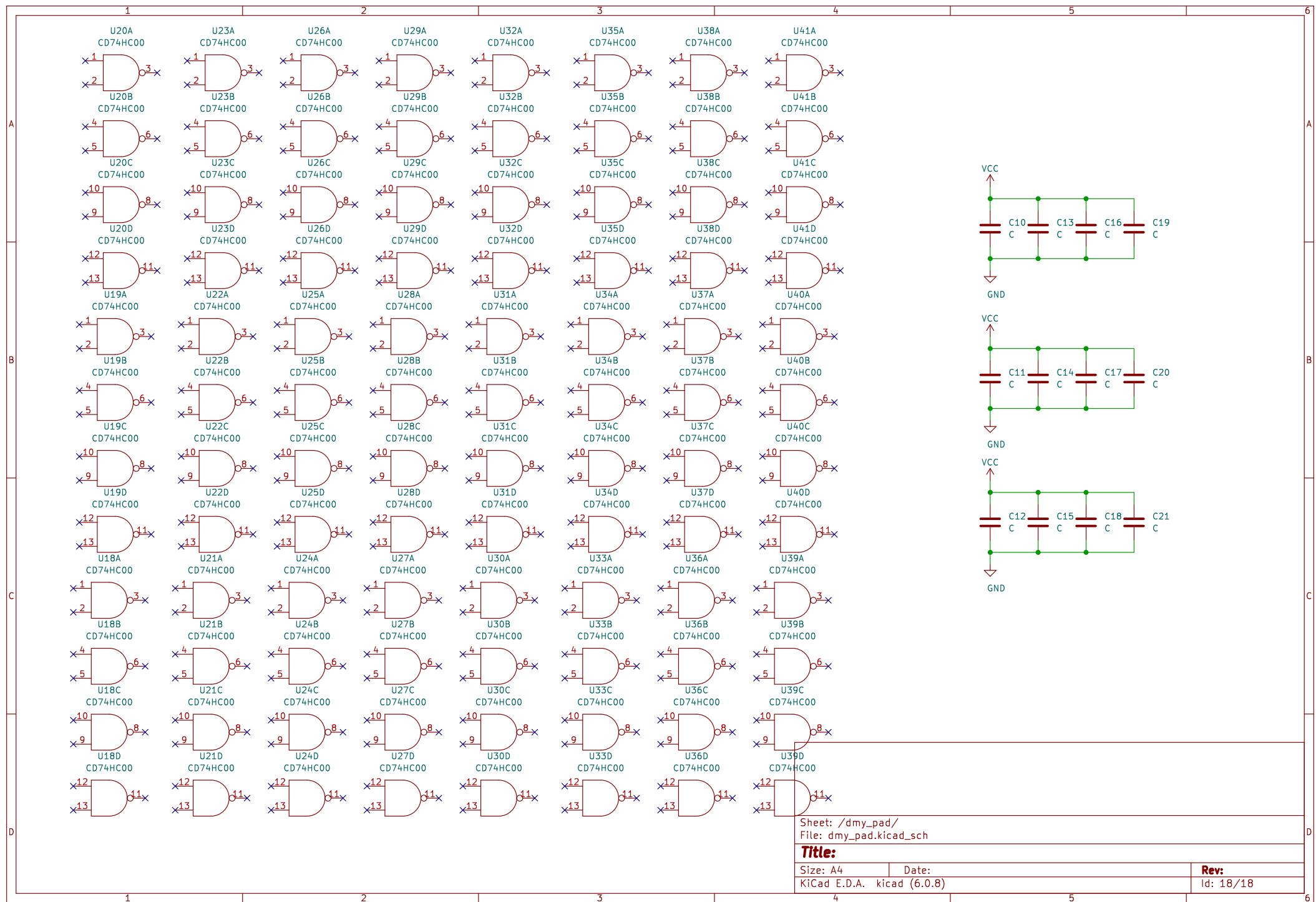


Sheet: /Acc15/
File: Reg.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 17/18



1 2 3 4 5 6

A

connector



ファイル: connector.kicad_sch

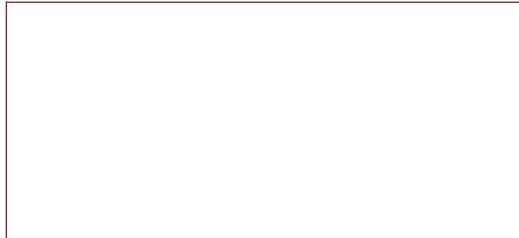
Address_Tristate



ファイル: Address_Tristate.kicad_sch

B

IO_port



ファイル: IO_port.kicad_sch

C

dmy



ファイル: dmy.kicad_sch

A

B

C

D

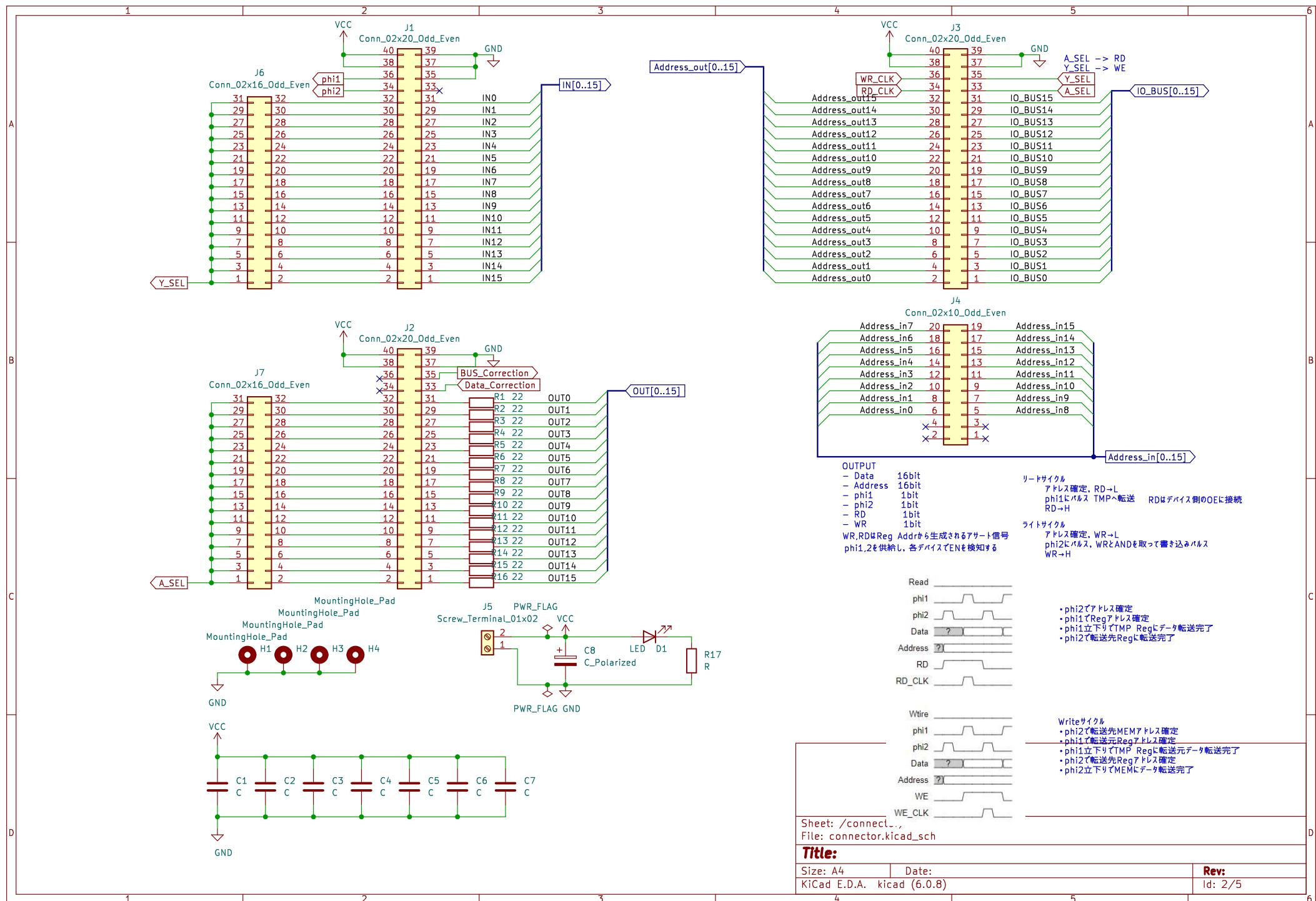
Sheet: /
File: BUS_terminator.kicad_sch

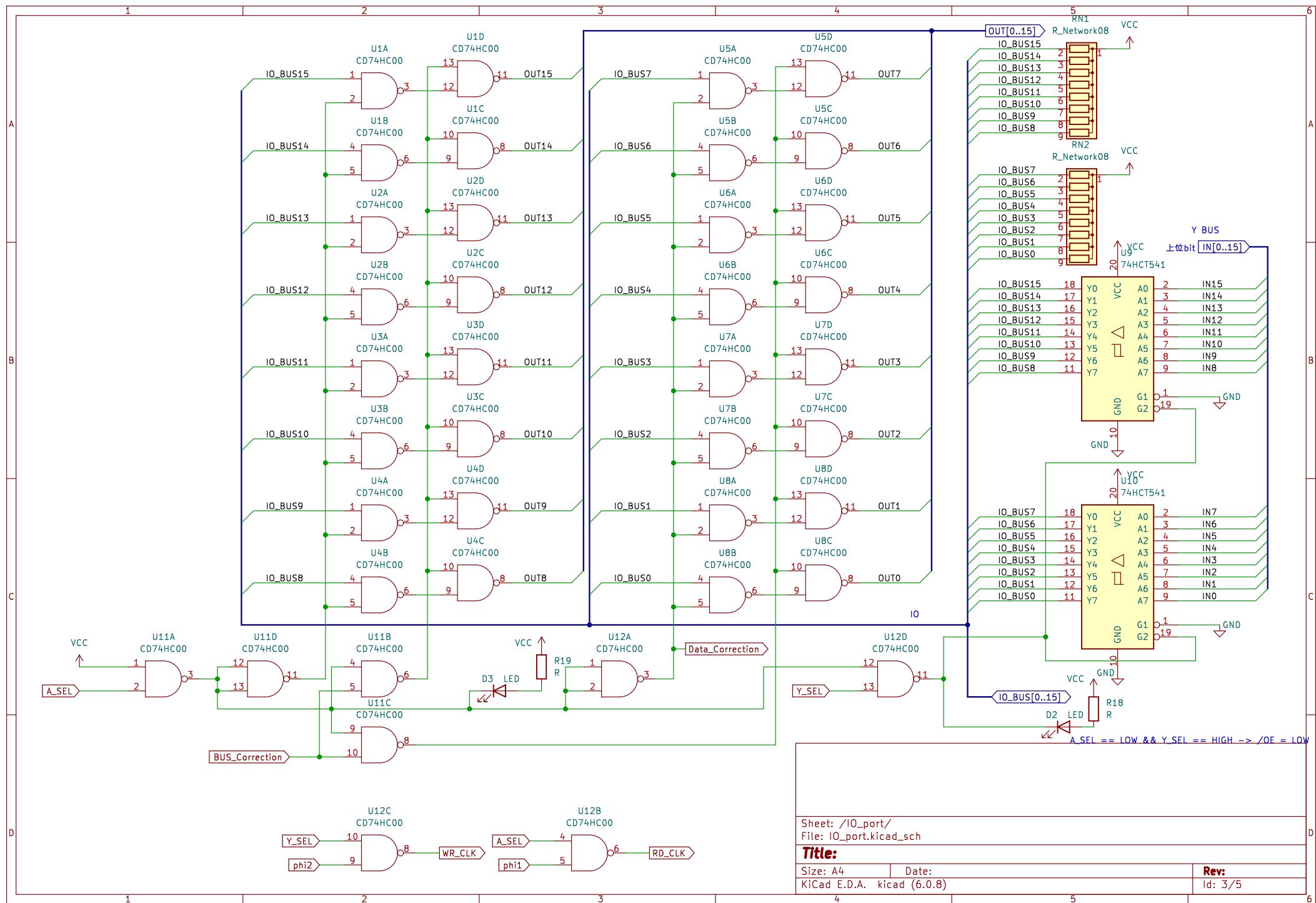
Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

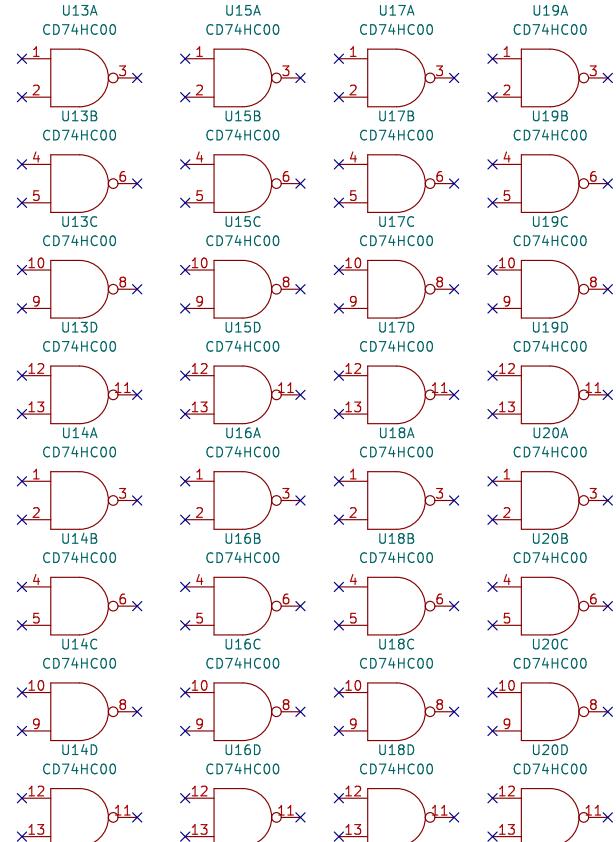
Rev:
Id: 1/5

1 2 3 4 5 6





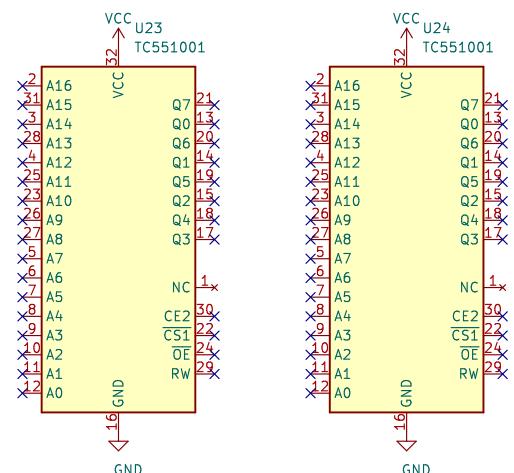
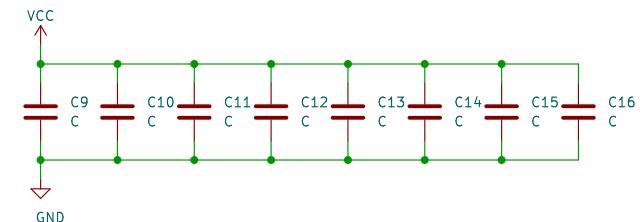
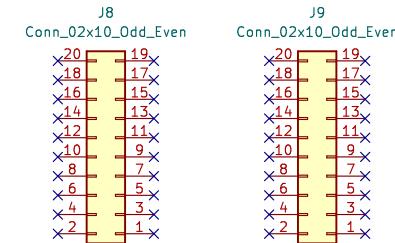
A



B

C

D



Sheet: /dmy/
File: dmy.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 4/5

A

A

B

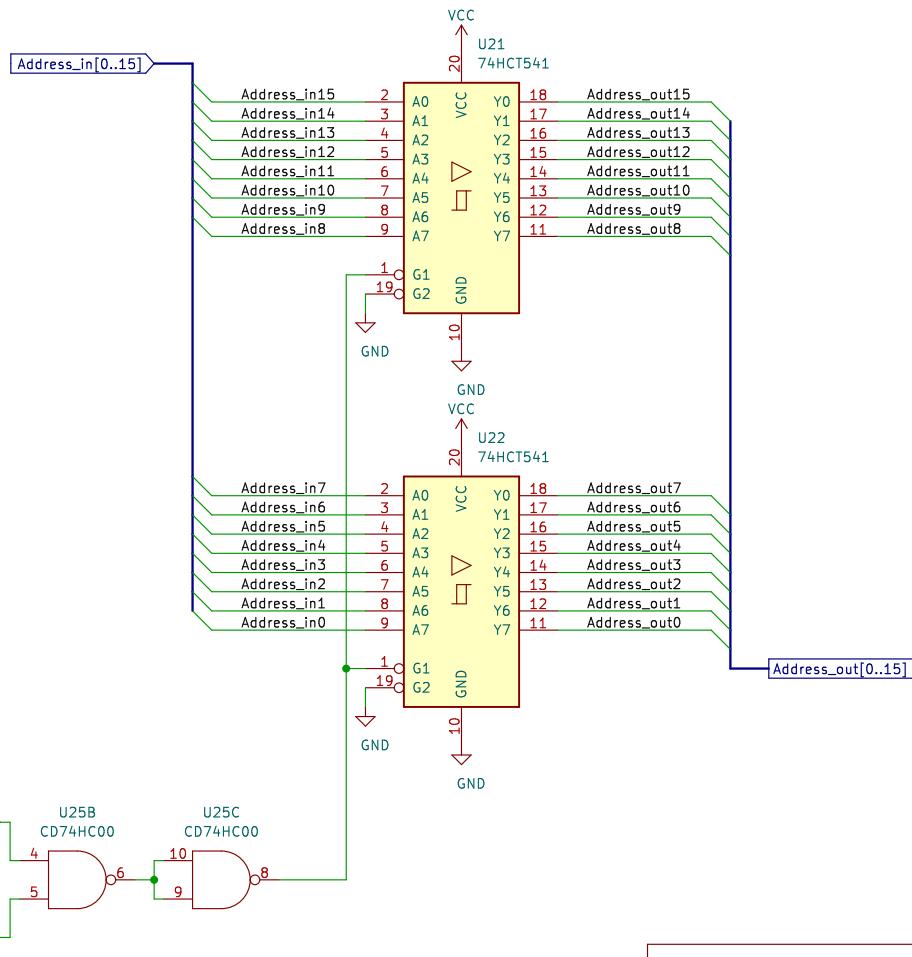
B

C

C

D

D



Title: /Address_Tristate/
File: Address_Tristate.kicad_sch

Title:

Size: A4 Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 5/5

1 2 3 4 5 6



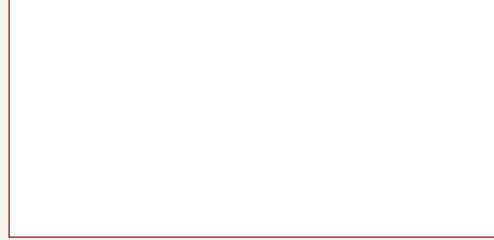
ファイル: connector.kicad_sch

Register



ファイル: Register.kicad_sch

Y BUS Buf



ファイル: BUS_Buf.kicad_sch

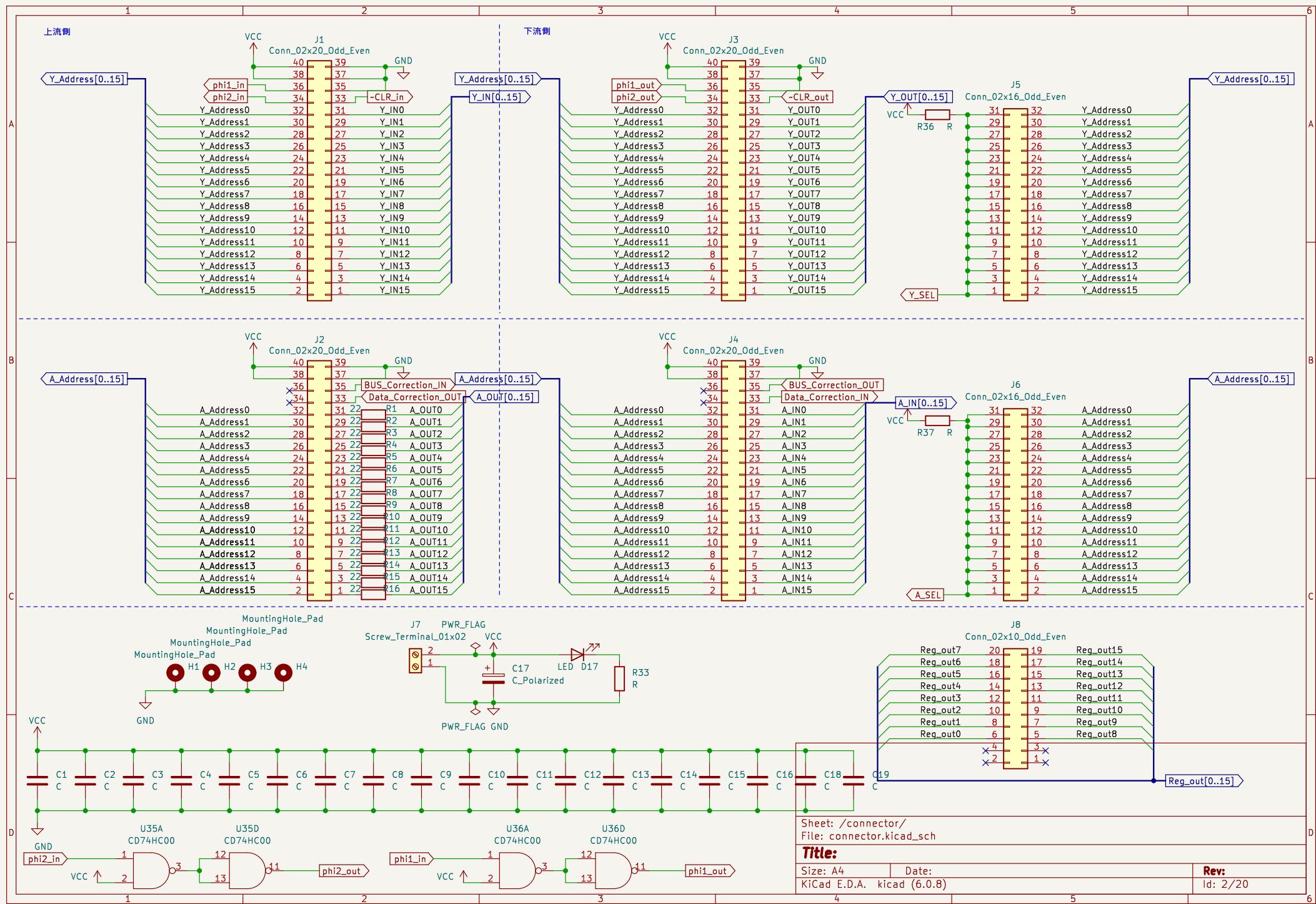
Sheet: /
File: Reg.kicad_sch

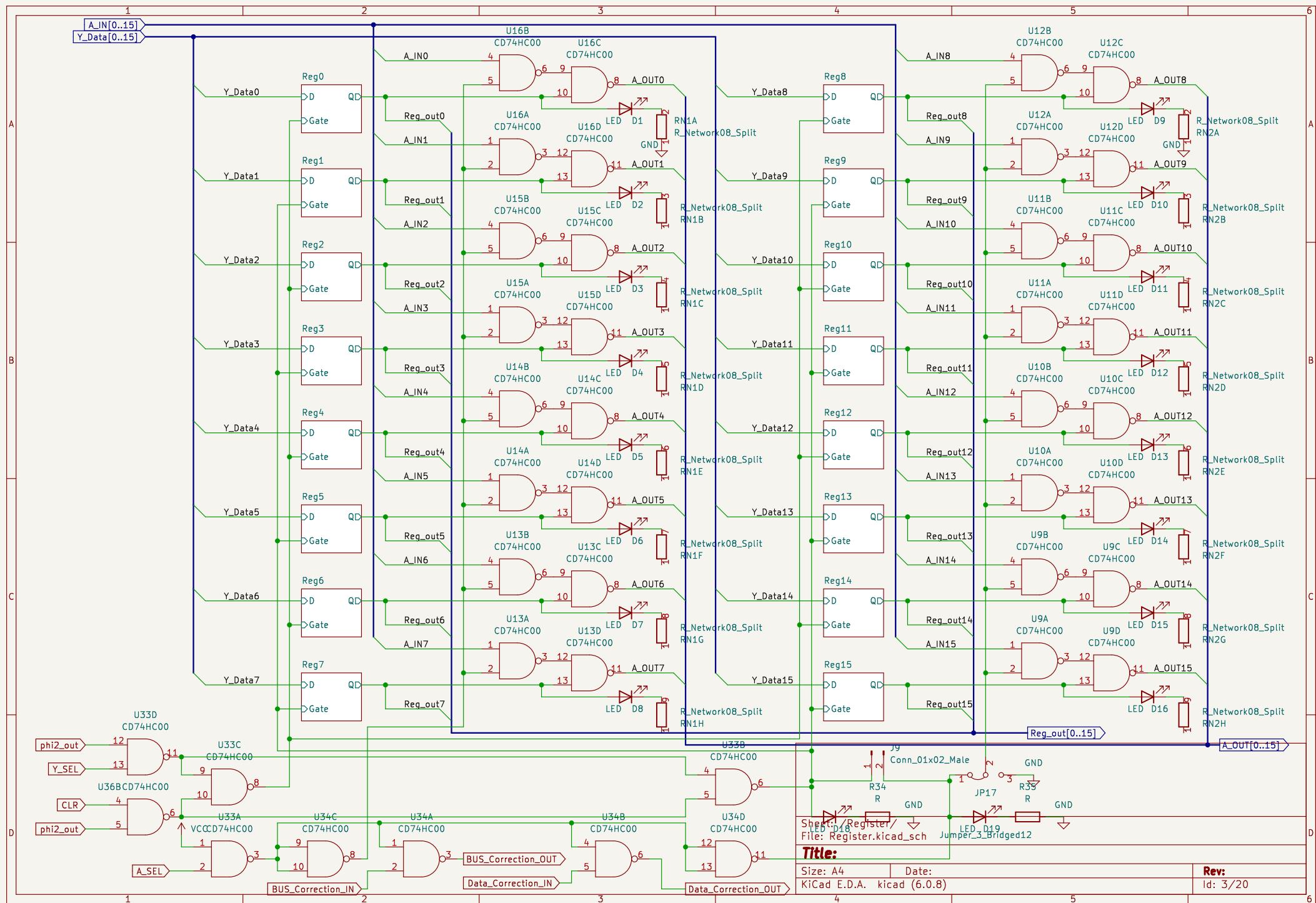
Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 1/20

1 2 3 4 5 6





A

B

C

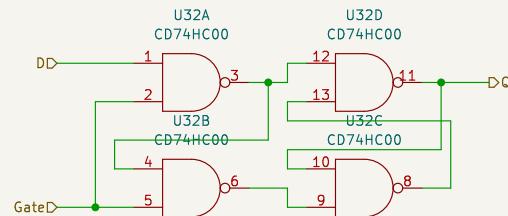
D

A

B

C

D



Sheet: /Register/Reg0/
File: Register_1bit.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 4/20

A

B

C

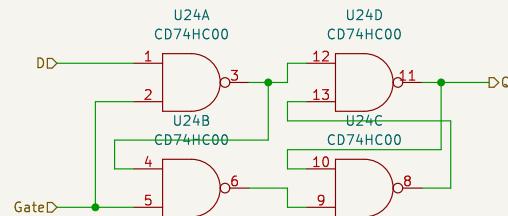
D

A

B

C

D



Sheet: /Register/Reg1/
File: Register_1bit.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 5/20

A

B

C

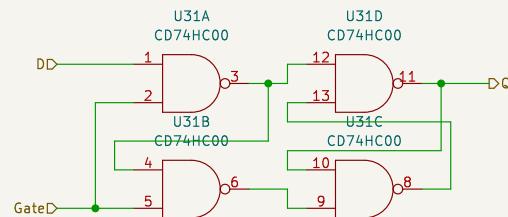
D

A

B

C

D



Sheet: /Register/Reg2/
File: Register_1bit.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 6/20

A

B

C

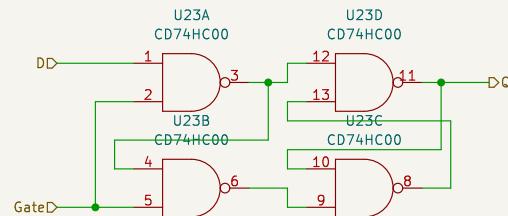
D

A

B

C

D



Sheet: /Register/Reg3/
File: Register_1bit.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 7/20

A

B

C

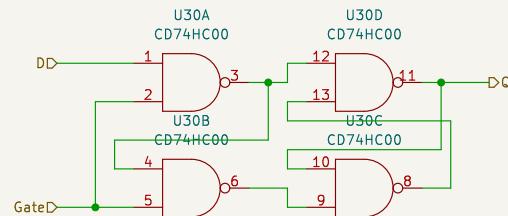
D

A

B

C

D



Sheet: /Register/Reg4/
File: Register_1bit.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 8/20

A

B

C

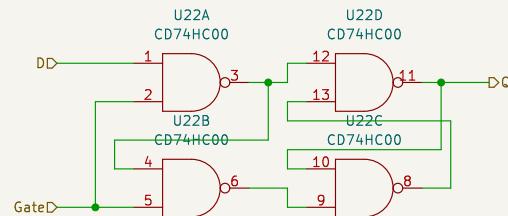
D

A

B

C

D



Sheet: /Register/Reg5/
File: Register_1bit.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 9/20

A

B

C

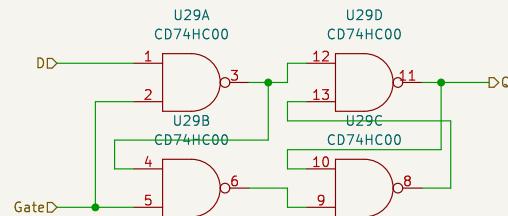
D

A

B

C

D



Sheet: /Register/Reg6/
File: Register_1bit.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 10/20

A

B

C

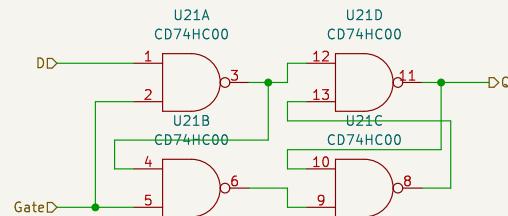
D

A

B

C

D



Sheet: /Register/Reg7/
File: Register_1bit.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 11/20

A

B

C

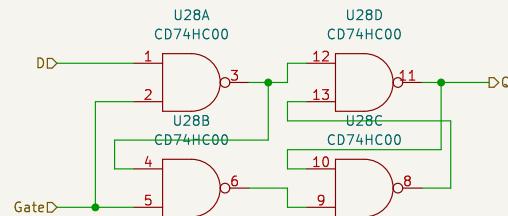
D

A

B

C

D



Sheet: /Register/Reg8/
File: Register_1bit.kicad_sch

Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 12/20

A

B

C

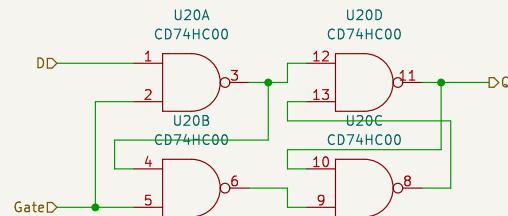
D

A

B

C

D



Sheet: /Register/Reg9/
File: Register_1bit.kicad_sch

Title:

Size: A4 Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 13/20

A

B

C

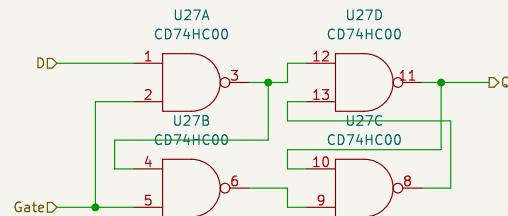
D

A

B

C

D



Sheet: /Register/Reg10/
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KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 14/20

A

B

C

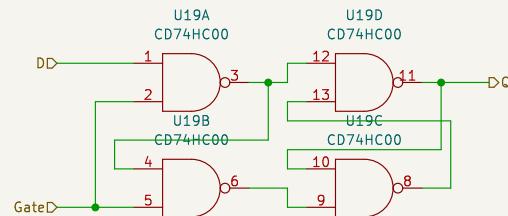
D

A

B

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D



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Size: A4 | Date:
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Rev:
Id: 15/20

A

B

C

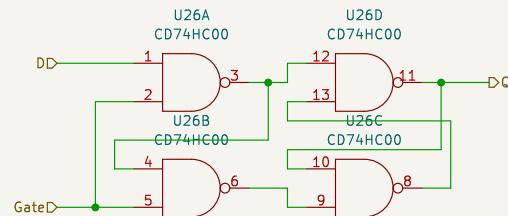
D

A

B

C

D



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Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 16/20

A

B

C

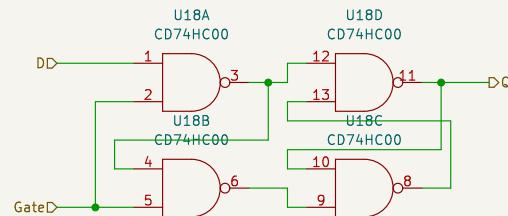
D

A

B

C

D



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Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 17/20

A

B

C

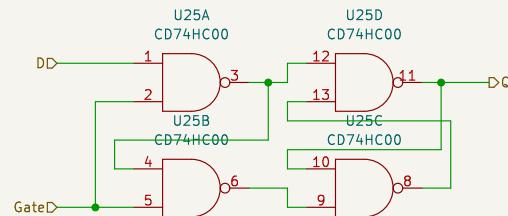
D

A

B

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D



Sheet: /Register/Reg14/
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Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 18/20

A

B

C

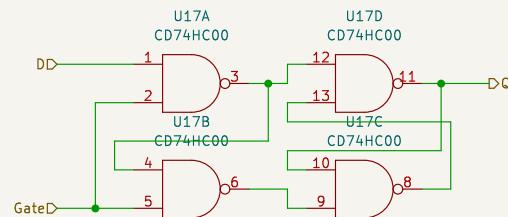
D

A

B

C

D



Sheet: /Register/Reg15/
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Title:

Size: A4 | Date:
KiCad E.D.A. kicad (6.0.8)

Rev:
Id: 19/20

