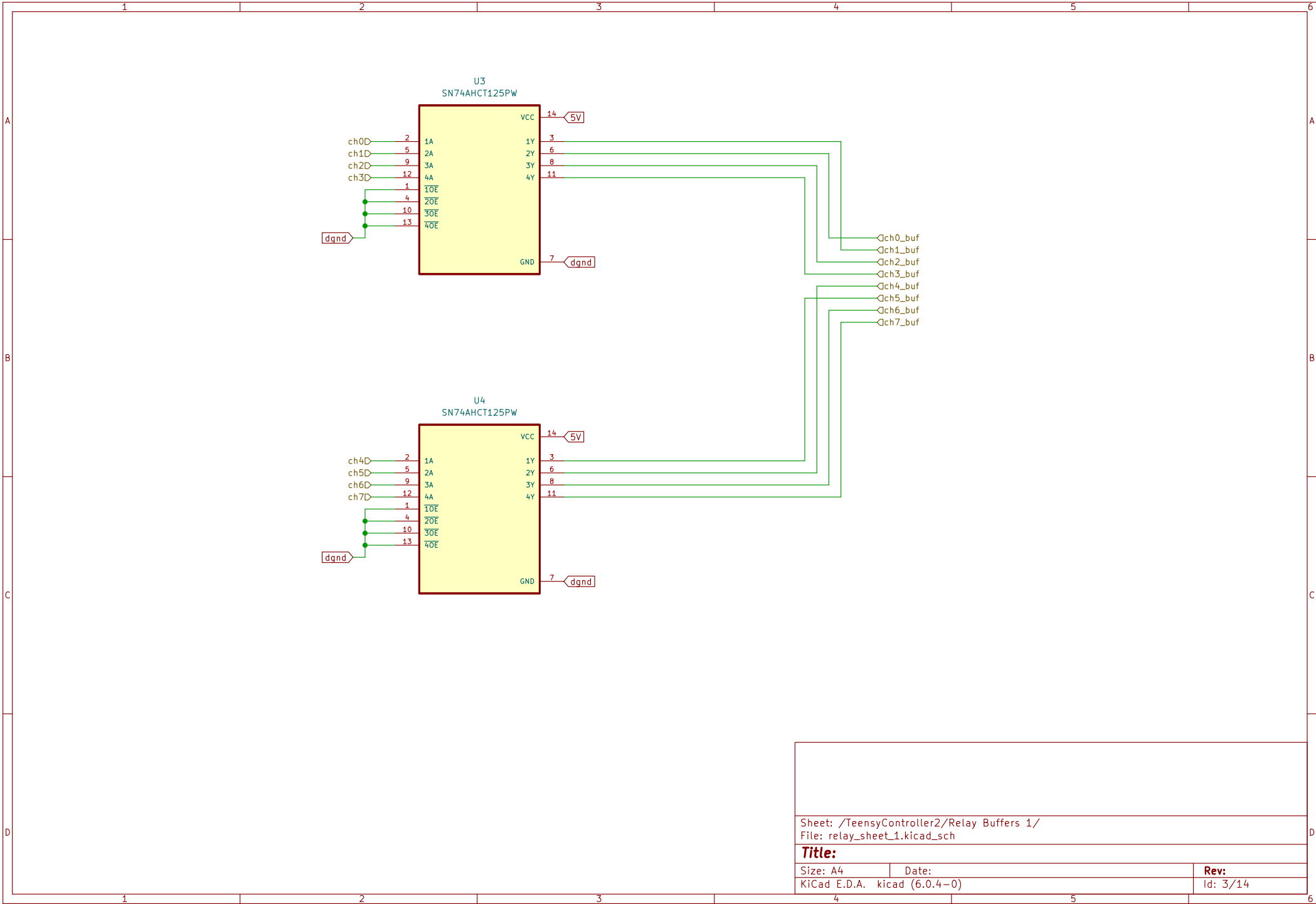
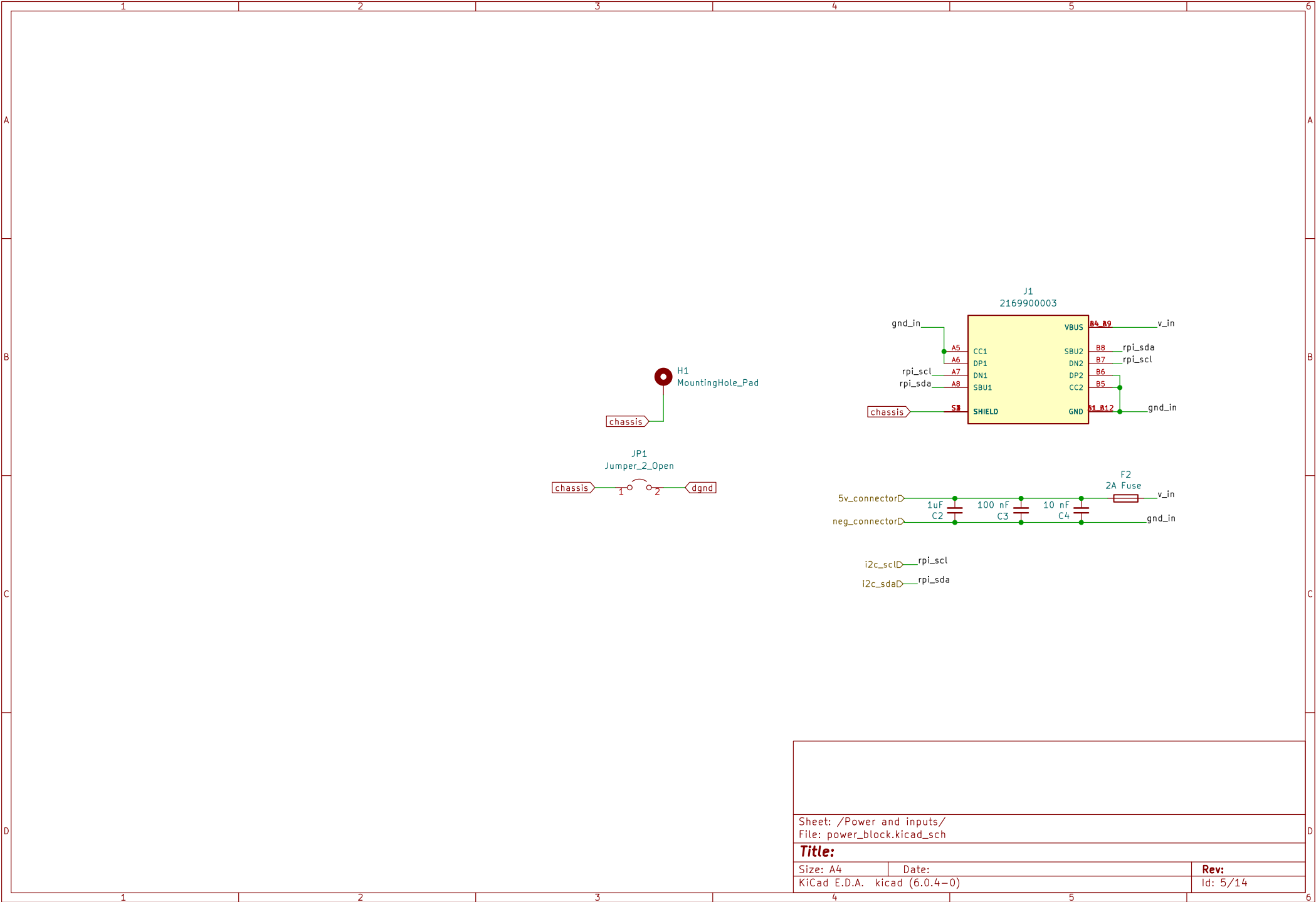


Sheet: /TeensyController1/Relay Buffers 1/
File: relay_sheet_1.kicad_sch

Title:

Size: A4	Date:	Rev:
KiCad E.D.A. kicad (6.0.4-0)		Id: 2/14





Sheet: /Power and inputs/
File: power_block.kicad_sch

Title:

Size: A4

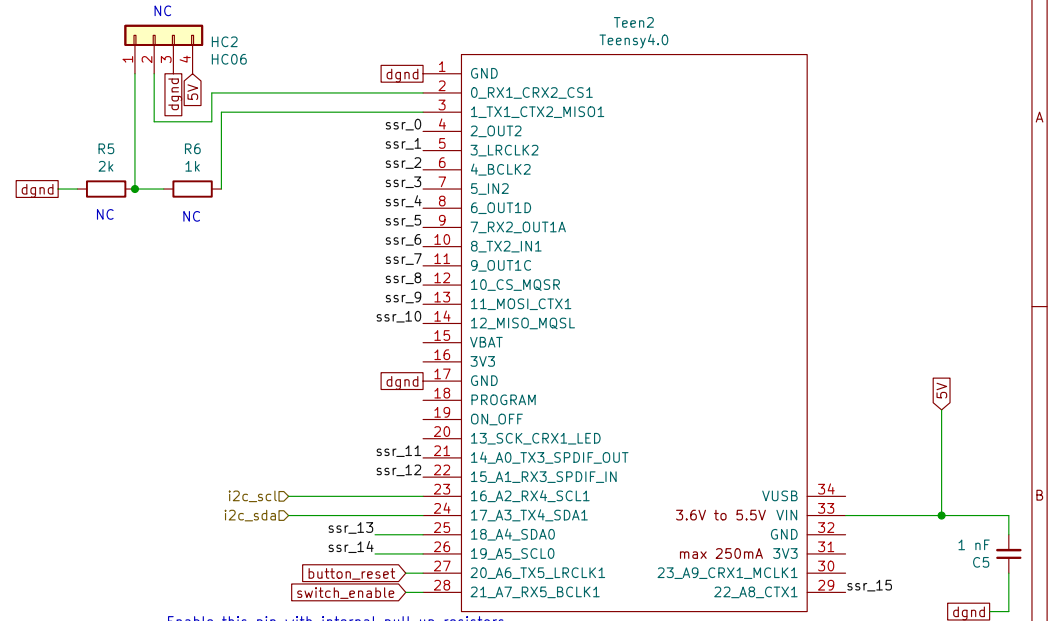
Date:

KiCad E.D.A. kicad (6.0.4-0)

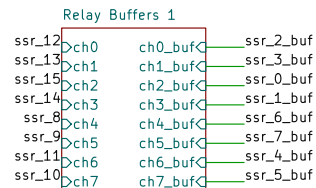
Rev:

Id: 5/14

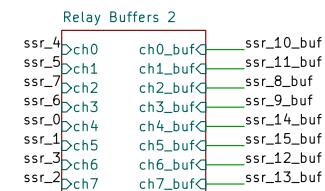
This is a backup option for bluetooth communication.
Do not populate upon first assembly



Enable this pin with internal pullUp resistors
like pinMode(PIN_A7, INPUT_PULLUP); will float 5V when
not grounded through the switch

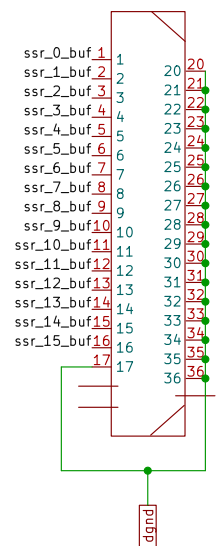


File: relay_sheet_1.kicad_sch



File: relay_sheet_1.kicad_sch

DSUB2
dsusb-37-to-ribbon



Sheet: /TeensyController2/
File: teensy_controller.kicad_sch

Title:

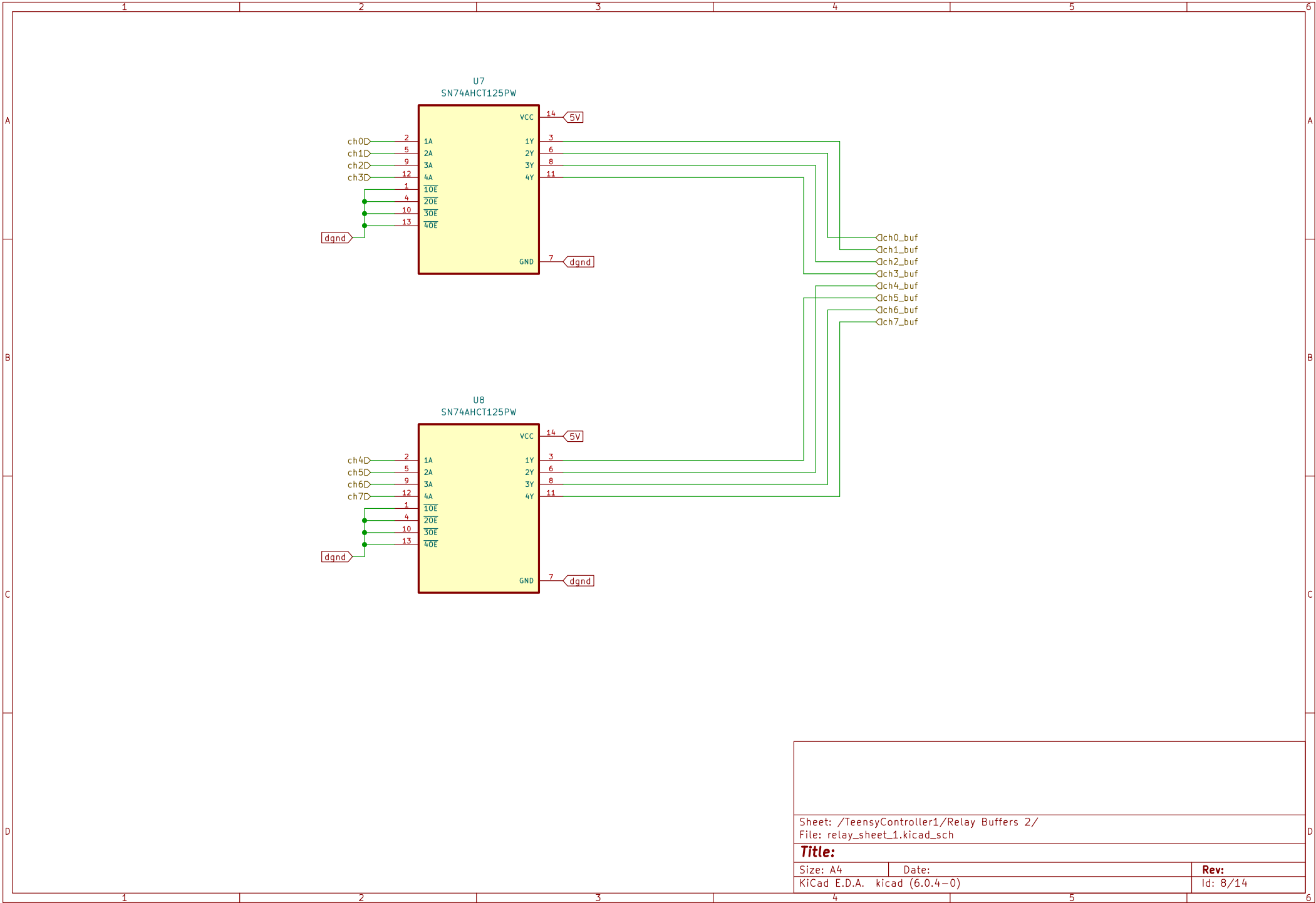
Size: A4

Date:

KiCad E.D.A. kicad (6.0.4-0)

Rev:

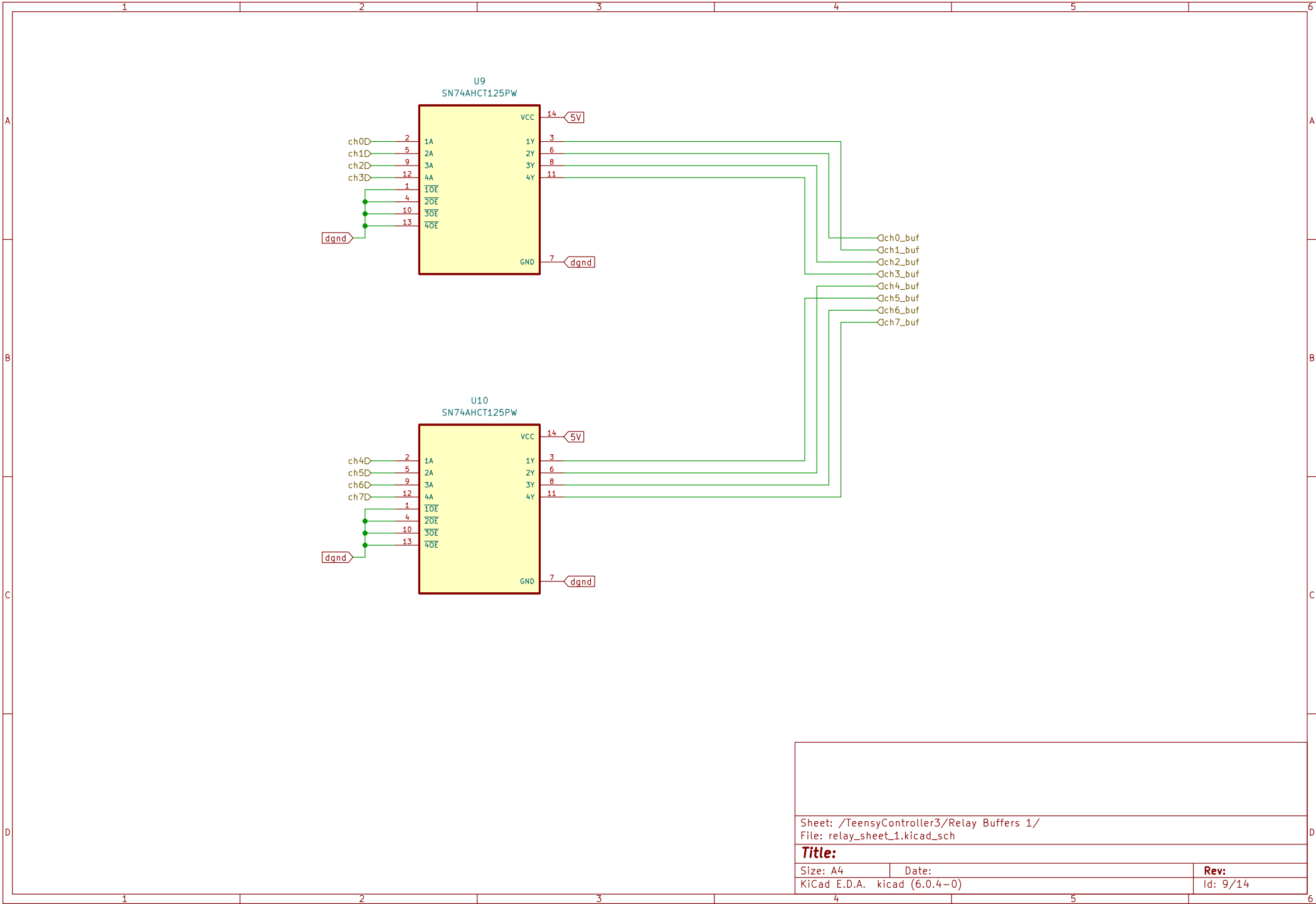
Id: 7/14



Sheet: /TeensyController1/Relay Buffers 2/
File: relay_sheet_1.kicad_sch

Title:

Size: A4	Date:	Rev:
KiCad E.D.A. kicad (6.0.4-0)		Id: 8/14

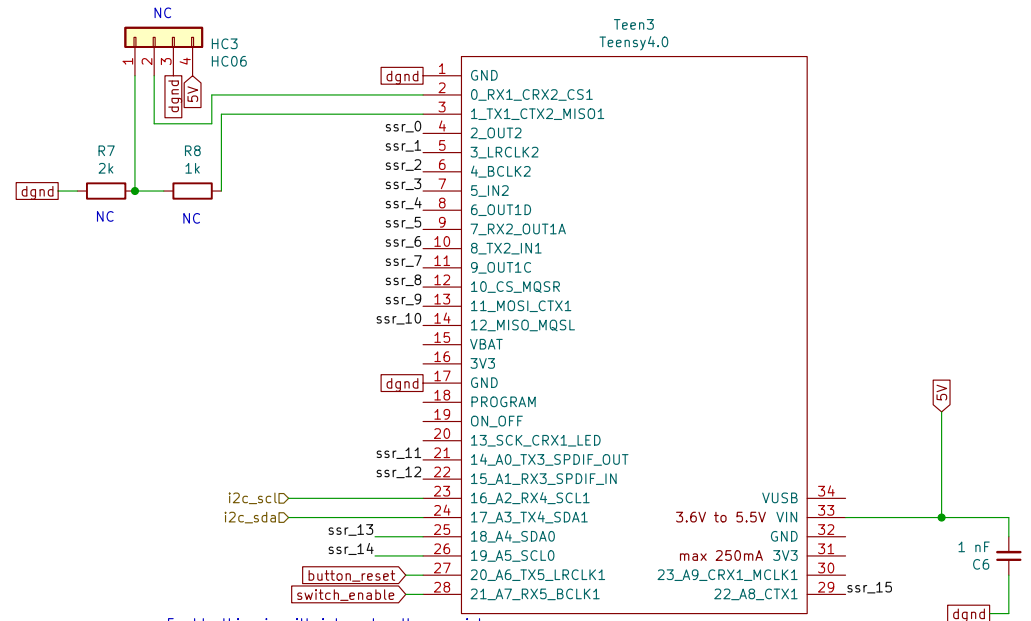


Sheet: /TeensyController3/Relay Buffers 1/
File: relay_sheet_1.kicad_sch

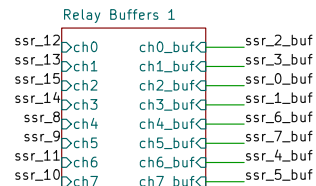
Title:

Size: A4	Date:	Rev:
KiCad E.D.A. kicad (6.0.4-0)		Id: 9/14

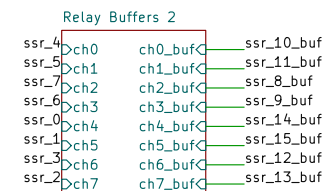
This is a backup option for bluetooth communication.
Do not populate upon first assembly



Enable this pin with internal pullUp resistors
like pinMode(PIN_A7, INPUT_PULLUP); will float 5V when
not grounded through the switch

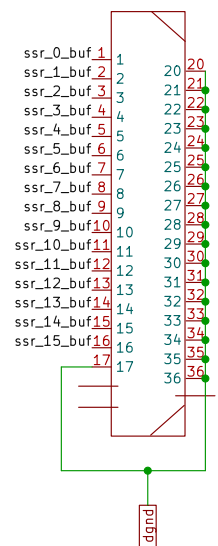


File: relay_sheet_1.kicad_sch



File: relay_sheet_1.kicad_sch

DSUB3
dsb-37-to-ribbon



Sheet: /TeensyController3/
File: teensy_controller.kicad_sch

Title:

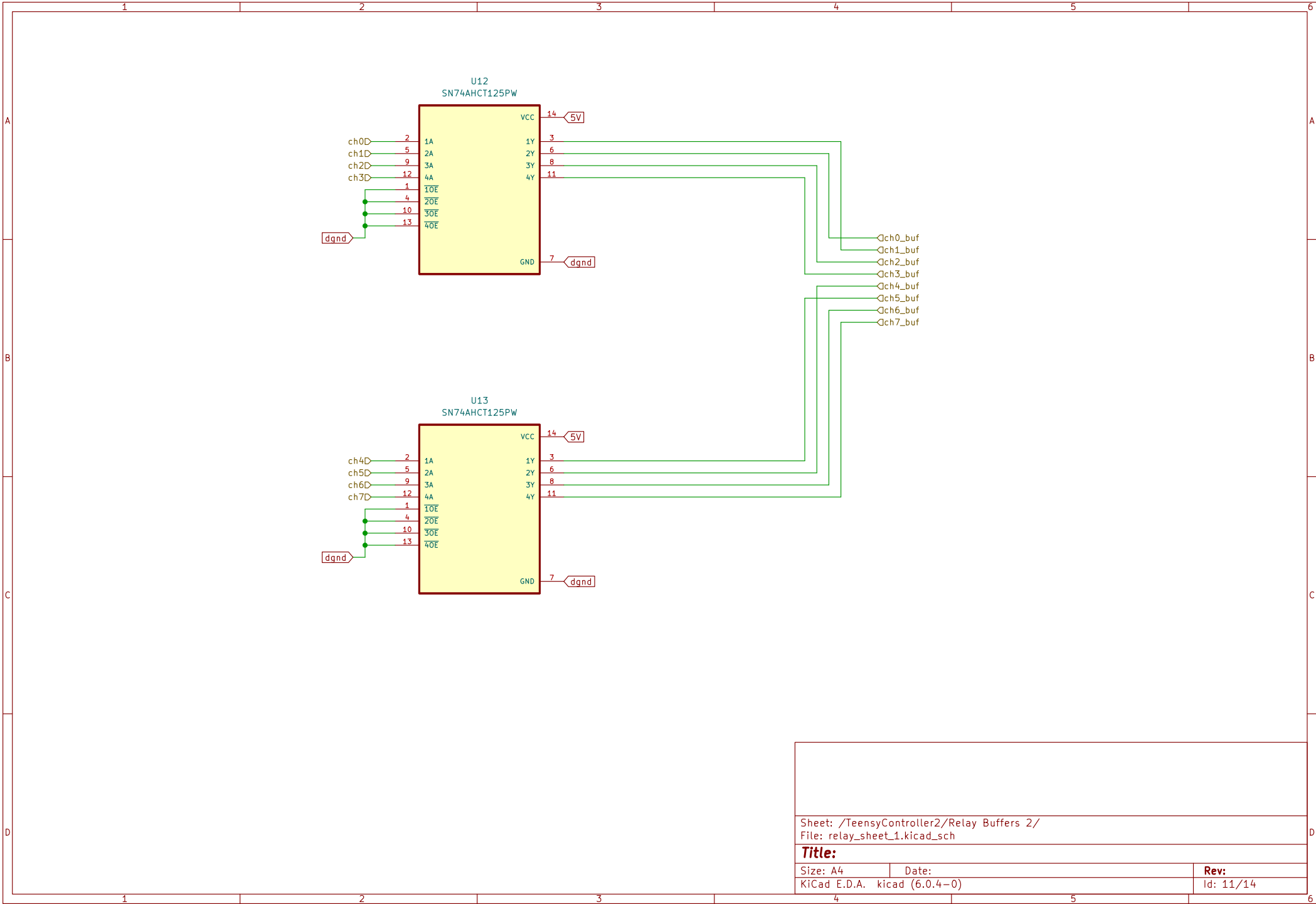
Size: A4

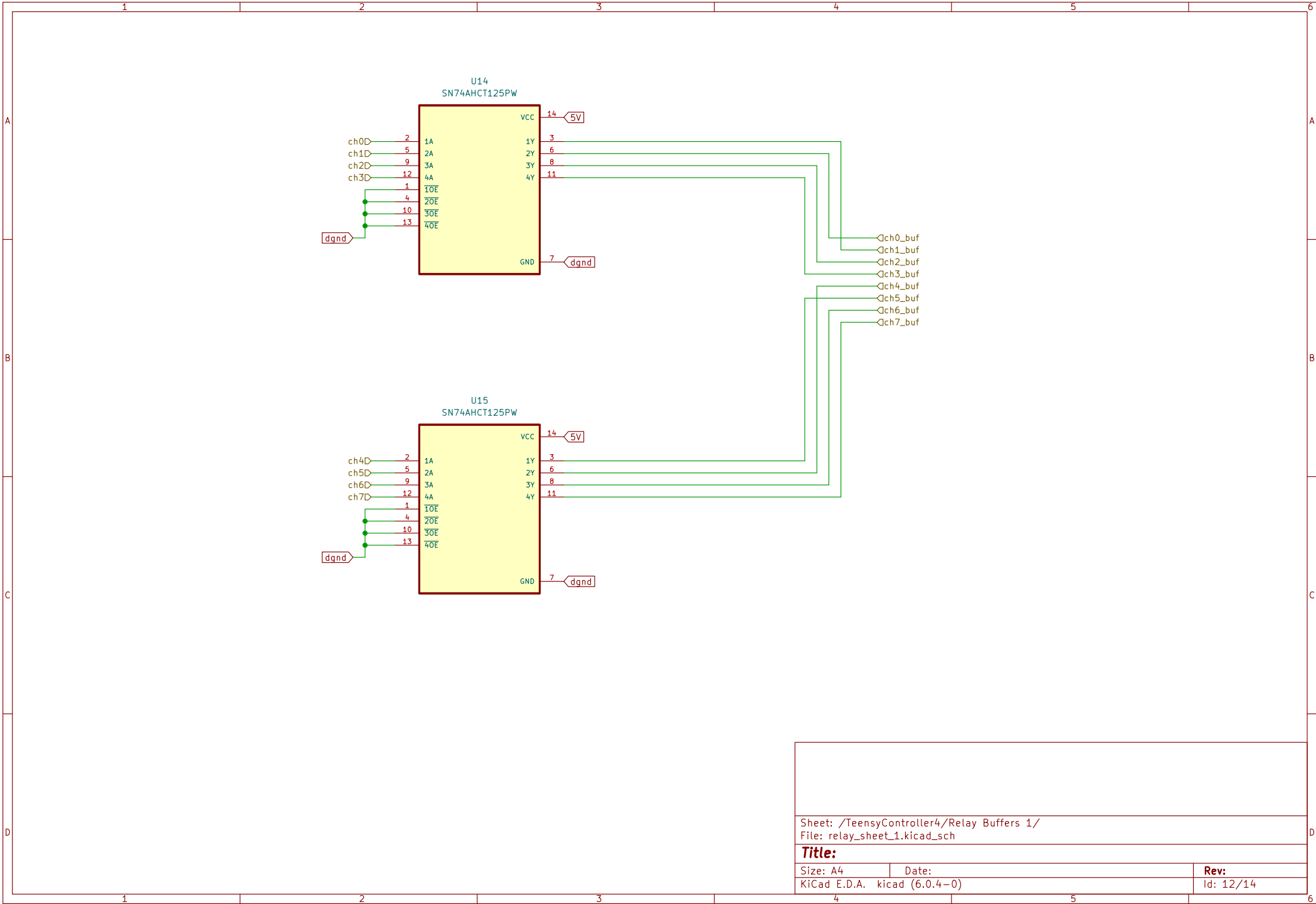
Date:

Rev:

KiCad E.D.A. kicad (6.0.4-0)

Id: 10/14

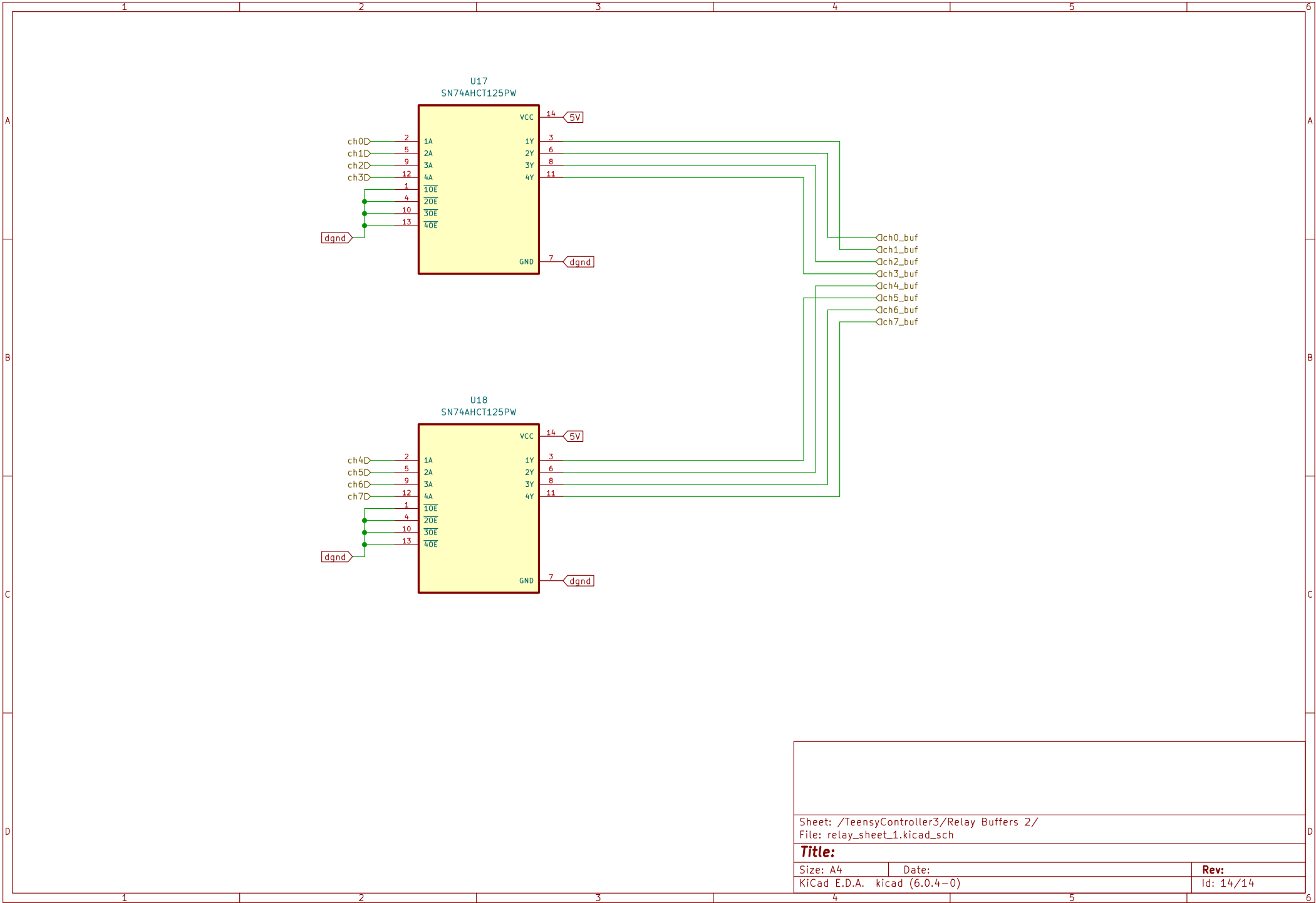


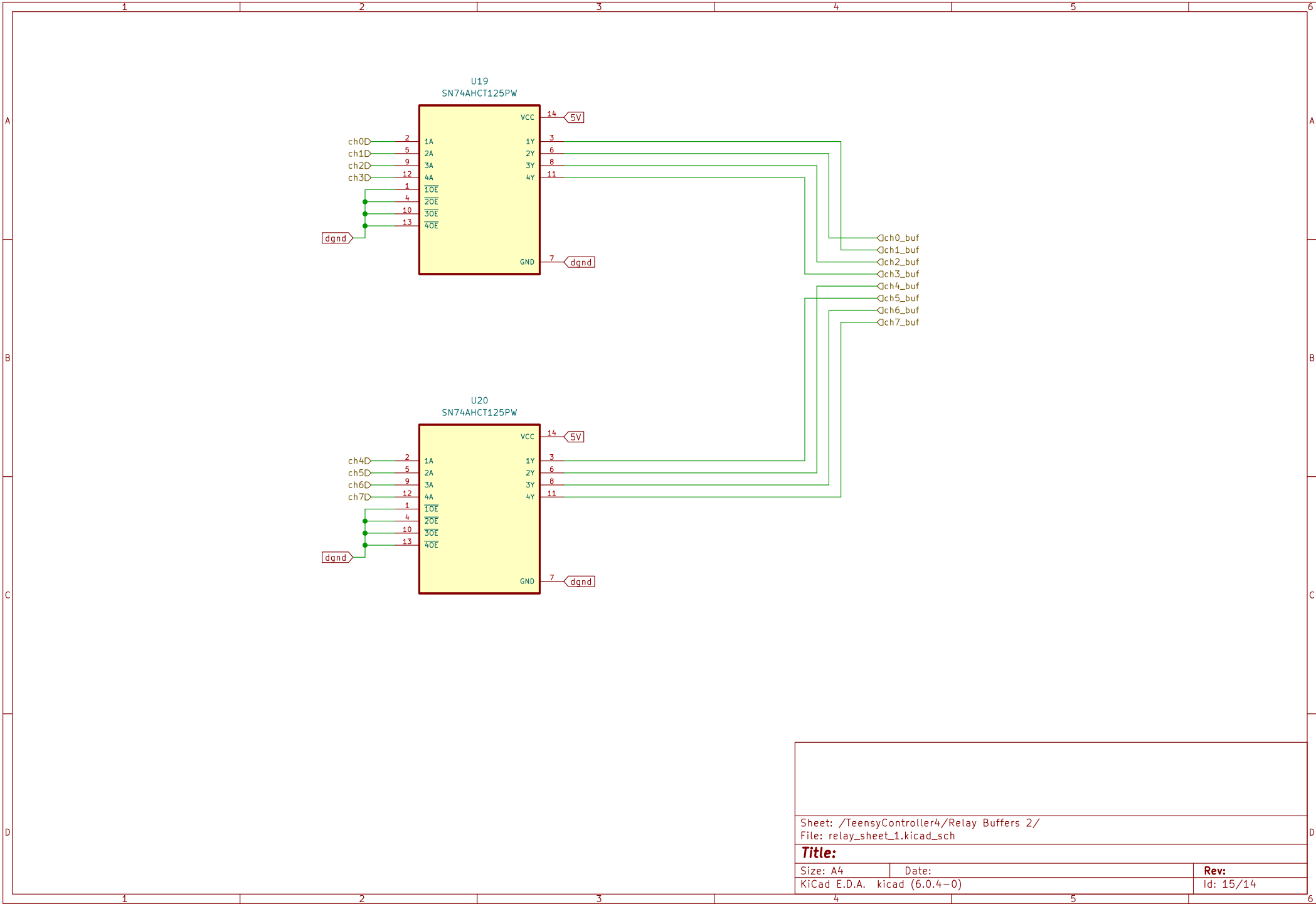


Sheet: /TeensyController4/Relay Buffers 1/
File: relay_sheet_1.kicad_sch

Title:

Size: A4	Date:	Rev:
KiCad E.D.A. kicad (6.0.4-0)		Id: 12/14





Sheet: /TeensyController4/Relay Buffers 2/
File: relay_sheet_1.kicad_sch

Title:

Size: A4	Date:	Rev:
KiCad E.D.A. kicad (6.0.4-0)		Id: 15/14