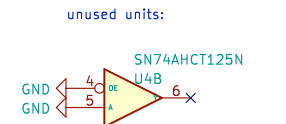
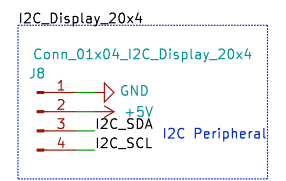
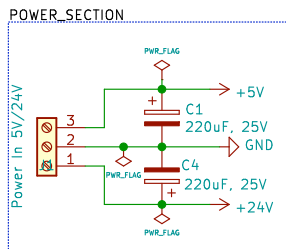
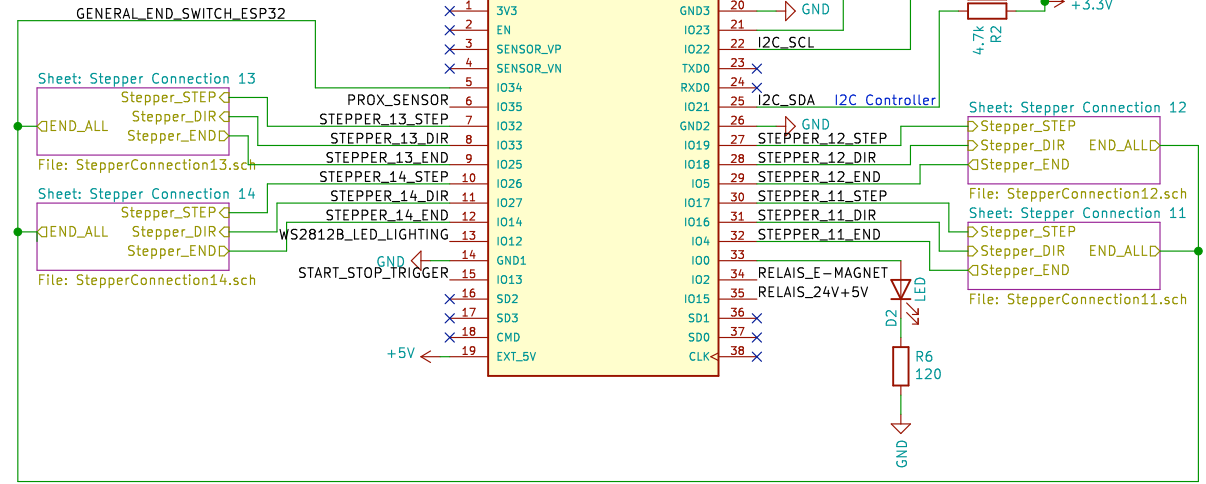
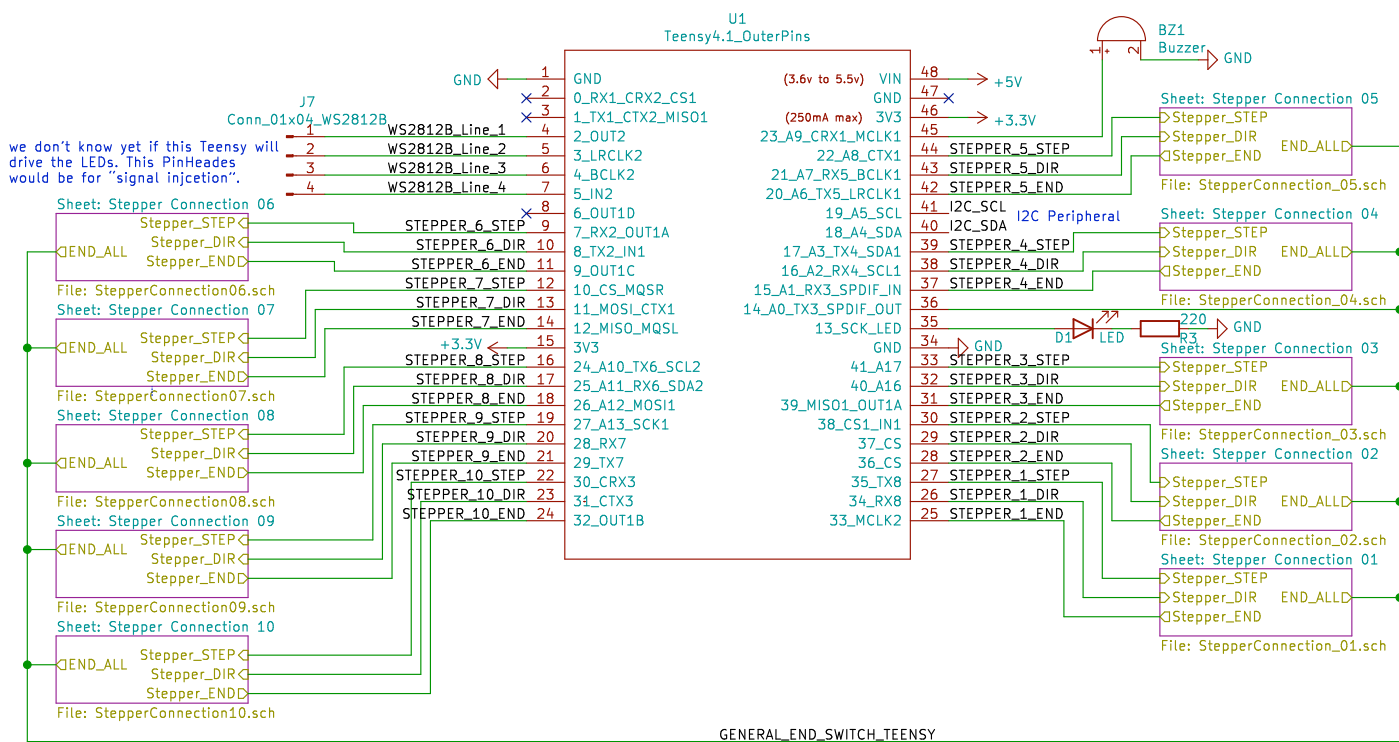


Teensy 4.1 (1)

ESP 32

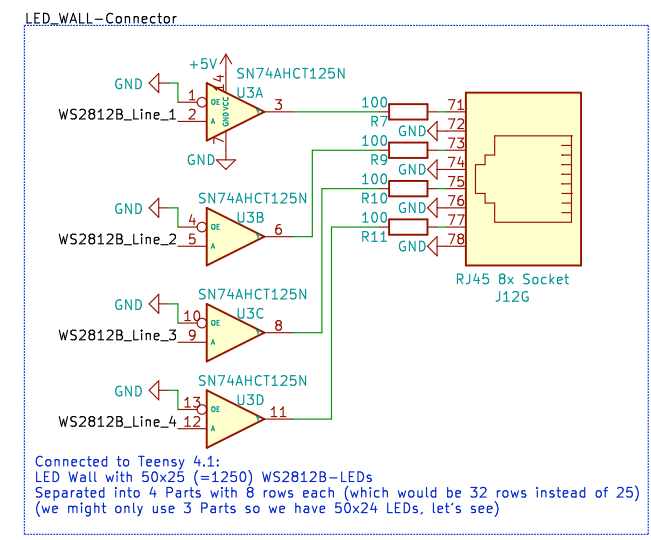


we don't know yet if this Teensy will drive the LEDs. This PinHeader would be for "signal injection".



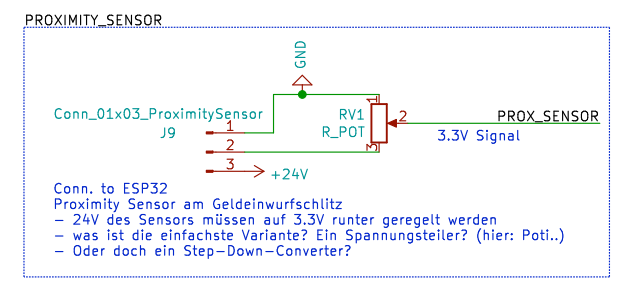
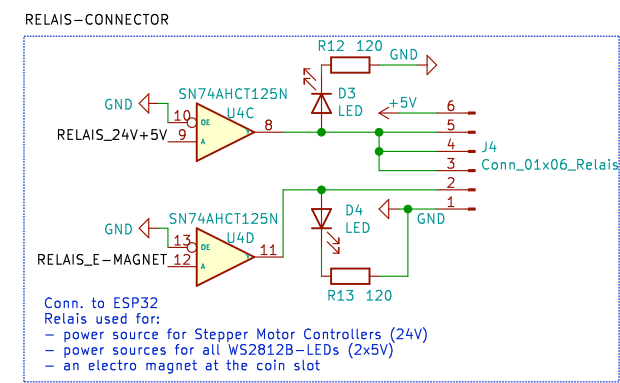
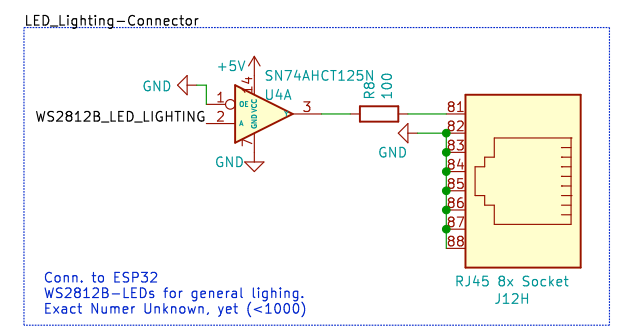
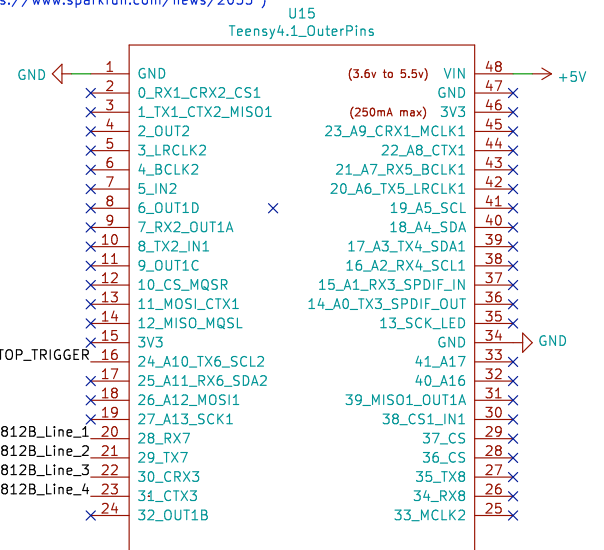
Teensy 4.1 (2)

Two Teensy Audio Shield (Rev. D) are stacked on top of the Teensy 4.1 to enable quadrophonic audio.
[https://forum.pjrc.com/threads/61123-Teensy-4-1-and-4-channel-audio-\(AudioInput12SQuad\)](https://forum.pjrc.com/threads/61123-Teensy-4-1-and-4-channel-audio-(AudioInput12SQuad))
(<https://www.sparkfun.com/news/2055>)

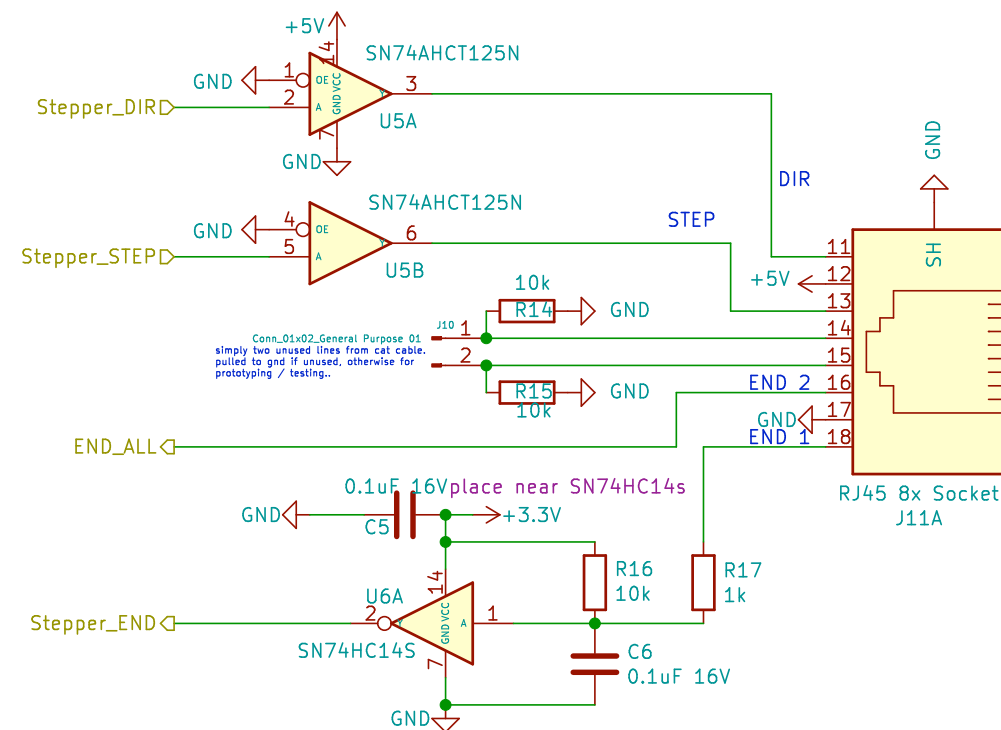


simple high/low signal that triggers start/stop on rising/falling edge (from ESP32 IO13)

we don't know yet if this Teensy will drive the LEDs or the other one.



STEPPER_MOTOR_CONNECTION_1

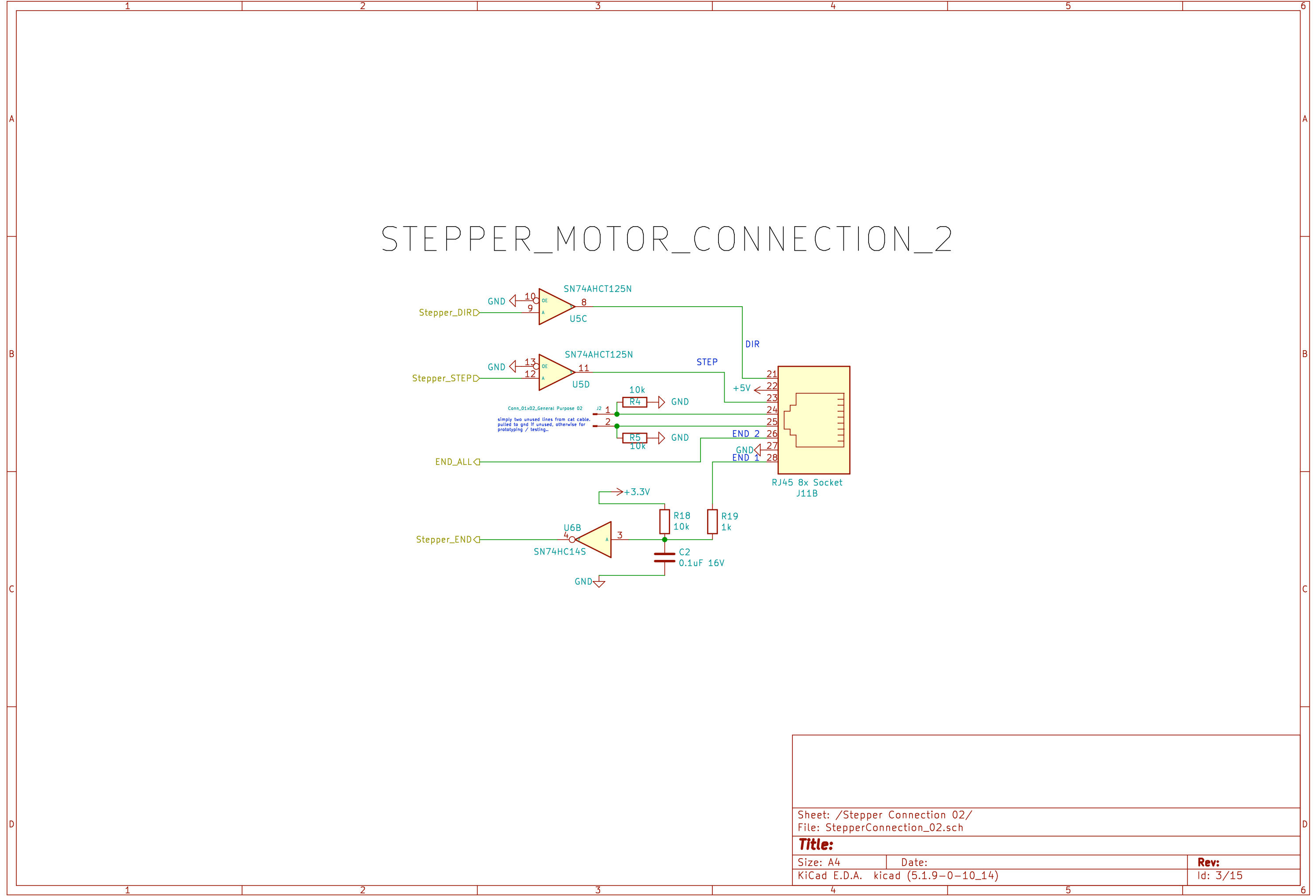


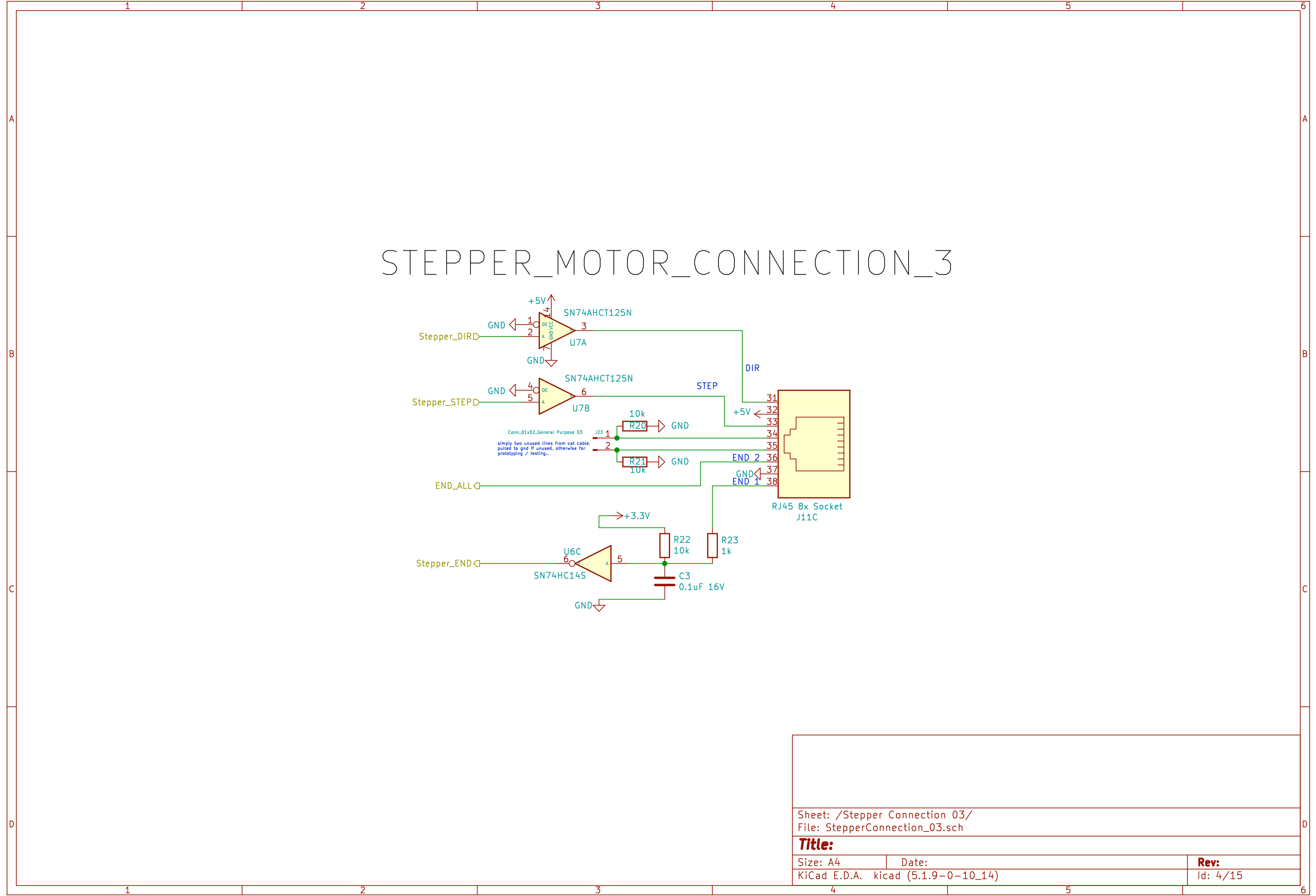
Sheet: /Stepper Connection 01/
File: StepperConnection_01.sch

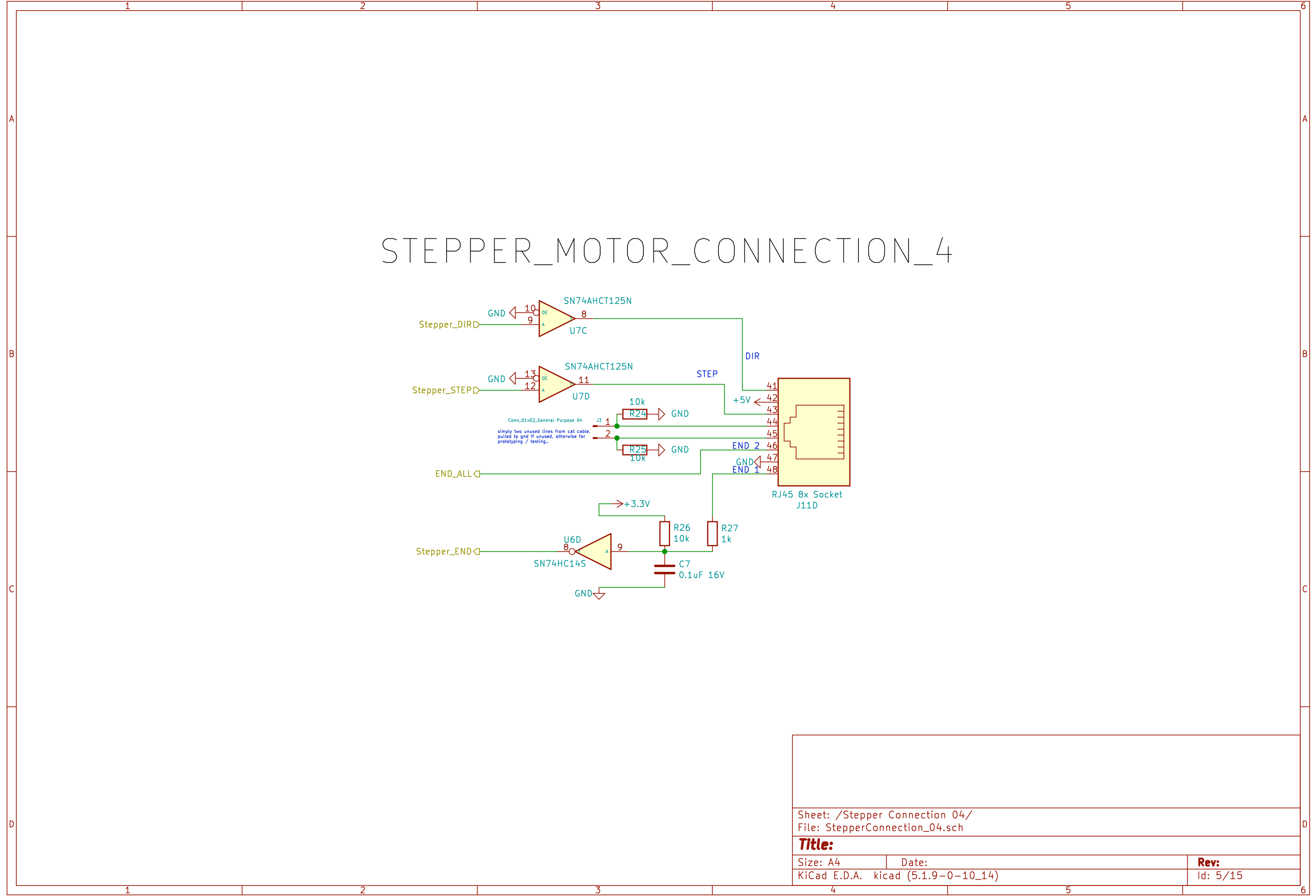
Title: Stepper Connection

Size: A4	Date: 2021-06-21
KiCad E.D.A. kicad (5.1.9-0-10_14)	

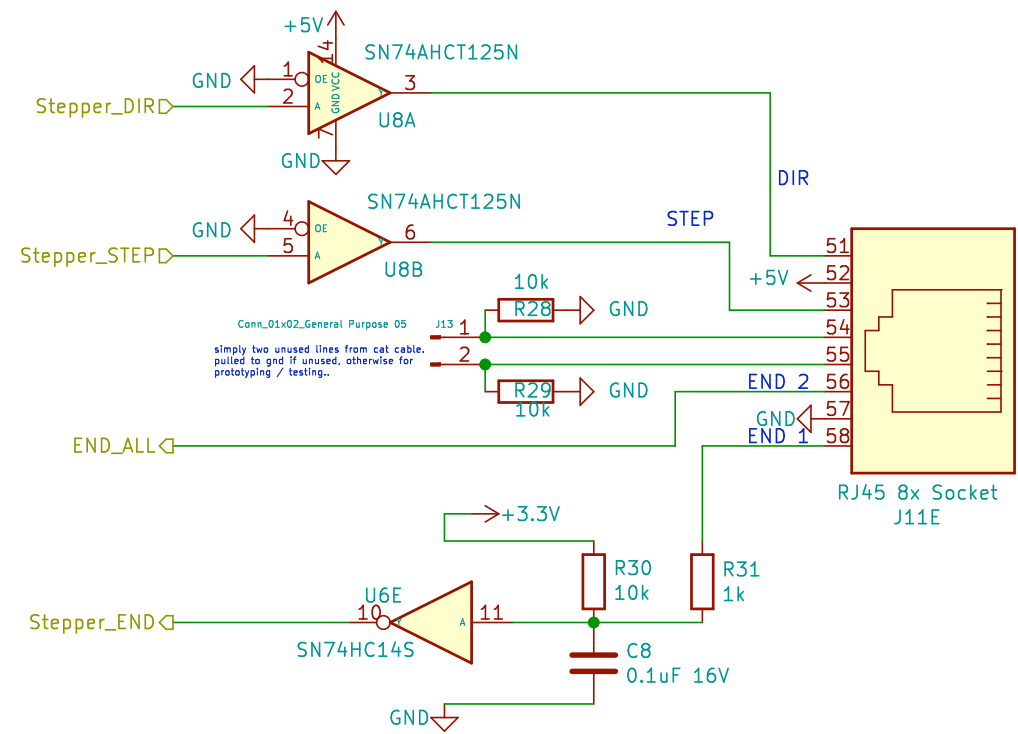
Rev:
Id: 2/15







STEPPER_MOTOR_CONNECTION_5



Sheet: /Stepper Connection 05/
File: StepperConnection_05.sch

Title:

Size: A4

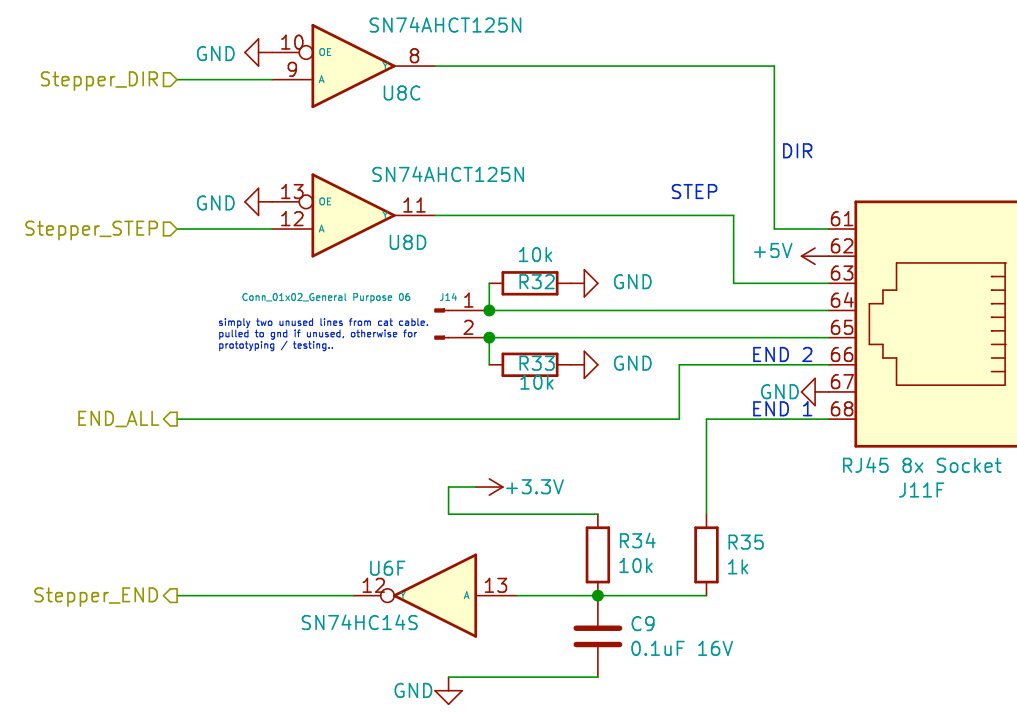
Date:

Rev:

KiCad E.D.A. kicad (5.1.9-0-10_14)

Id: 6/15

STEPPER_MOTOR_CONNECTION_6

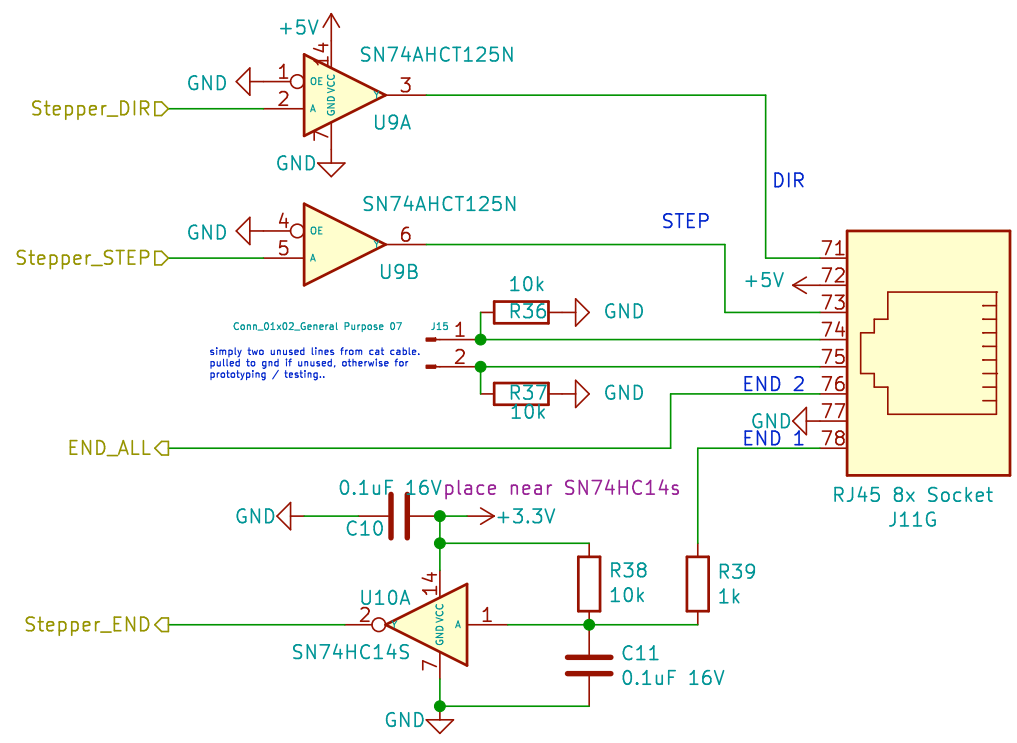


Sheet: /Stepper Connection 06/
File: StepperConnection06.sch

Title:

Size: A4	Date:	Rev:
KiCad E.D.A. kicad (5.1.9-0-10_14)		Id: 7/15

STEPPER_MOTOR_CONNECTION_7



Sheet: /Stepper Connection 07/
File: StepperConnection07.sch

Title:

Size: A4

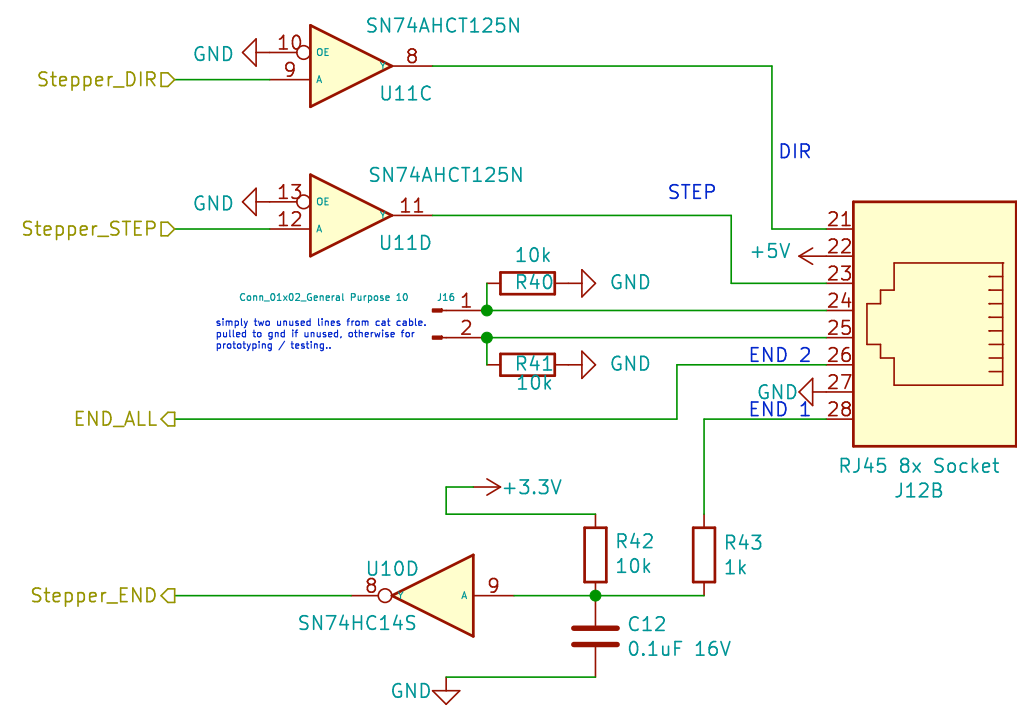
Date:

Rev:

KiCad E.D.A. kicad (5.1.9-0-10_14)

Id: 8/15

STEPPER_MOTOR_CONNECTION_10



Sheet: /Stepper Connection 10/
File: StepperConnection10.sch

Title:

Size: A4

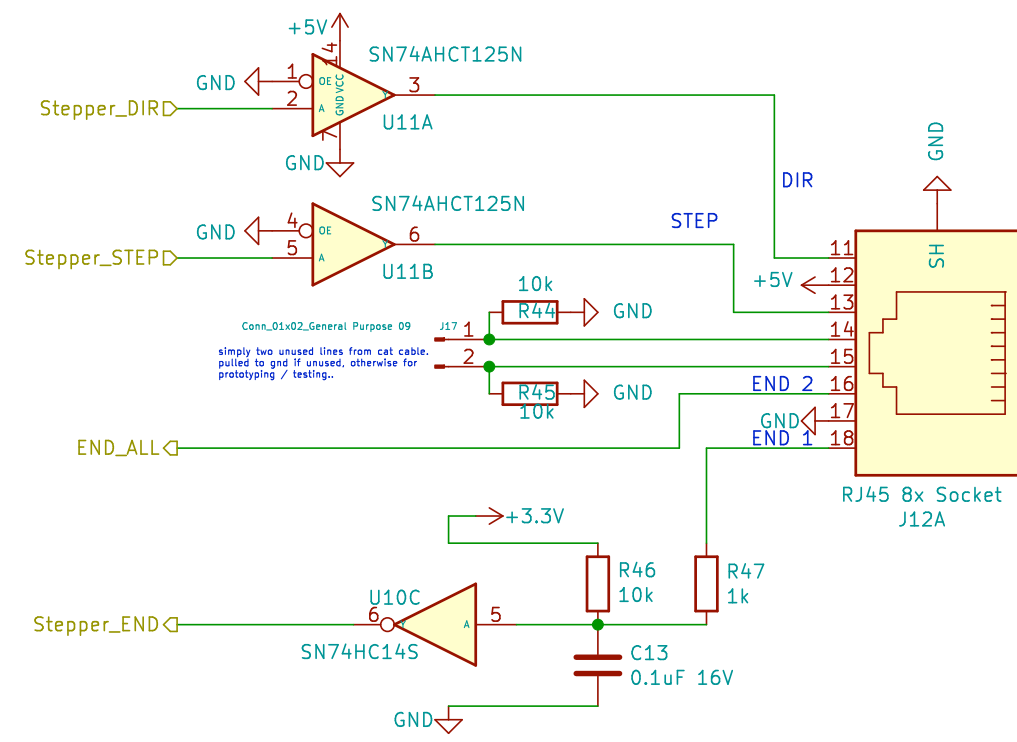
Date:

Rev:

KiCad E.D.A. kicad (5.1.9-0-10_14)

Id: 9/15

STEPPER_MOTOR_CONNECTION_9



Sheet: /Stepper Connection 09/
File: StepperConnection09.sch

Title:

Size: A4

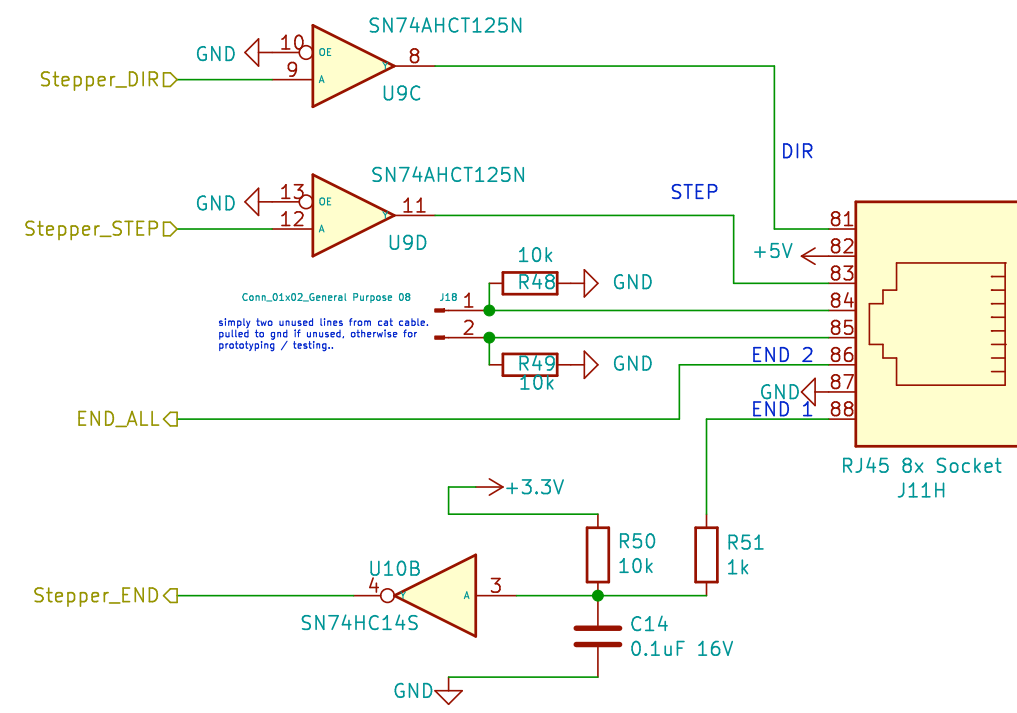
Date:

Rev:

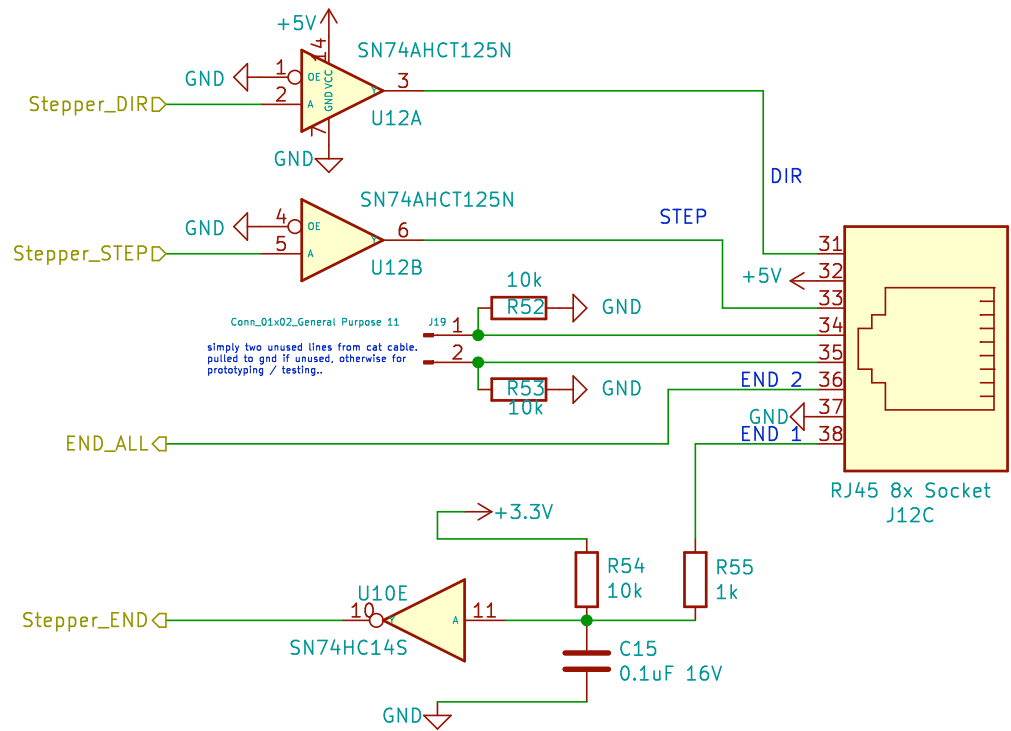
KiCad E.D.A. kicad (5.1.9-0-10_14)

Id: 10/15

STEPPER_MOTOR_CONNECTION_8



STEPPER_MOTOR_CONNECTION_11



Sheet: /Stepper Connection 11/
File: StepperConnection11.sch

Title:

Size: A4

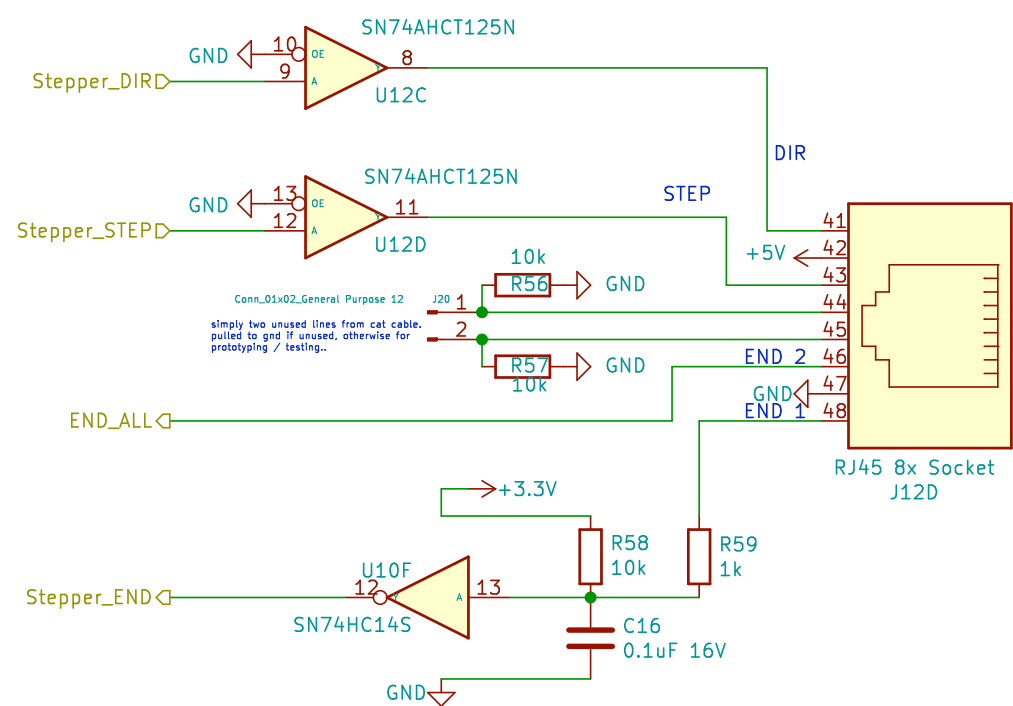
Date:

Rev:

KiCad E.D.A. kicad (5.1.9-0-10_14)

Id: 12/15

STEPPER_MOTOR_CONNECTION_12



Sheet: /Stepper Connection 12/
File: StepperConnection12.sch

Title:

Size: A4

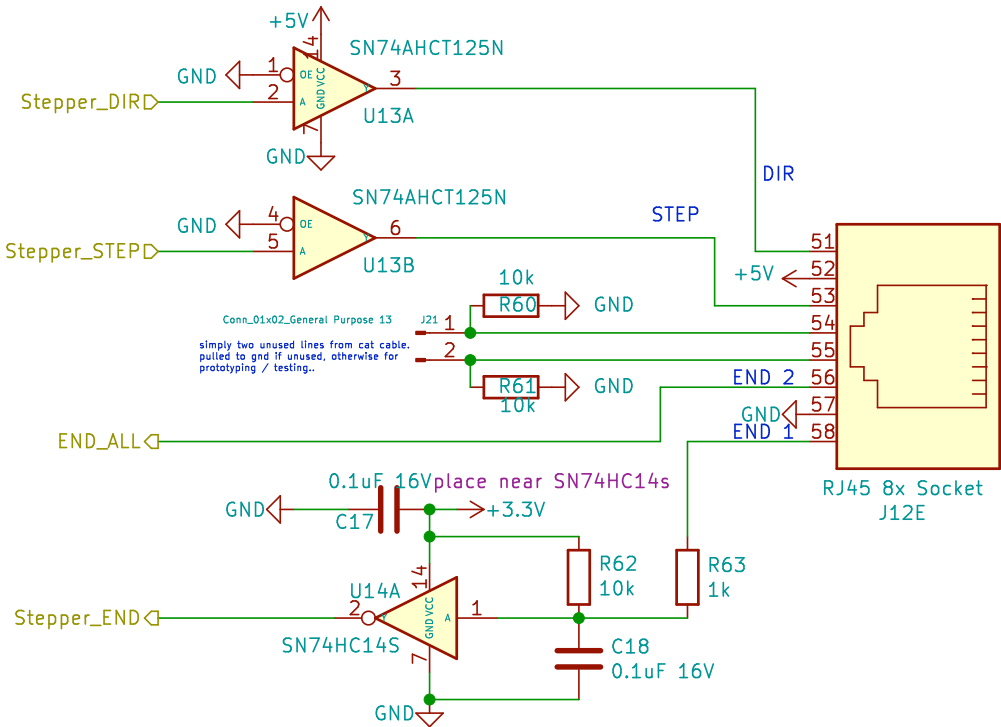
Date:

Rev:

KiCad E.D.A. kicad (5.1.9-0-10_14)

Id: 13/15

STEPPER_MOTOR_CONNECTION_13



Sheet: /Stepper Connection 13/
File: StepperConnection13.sch

Title:

Size: A4

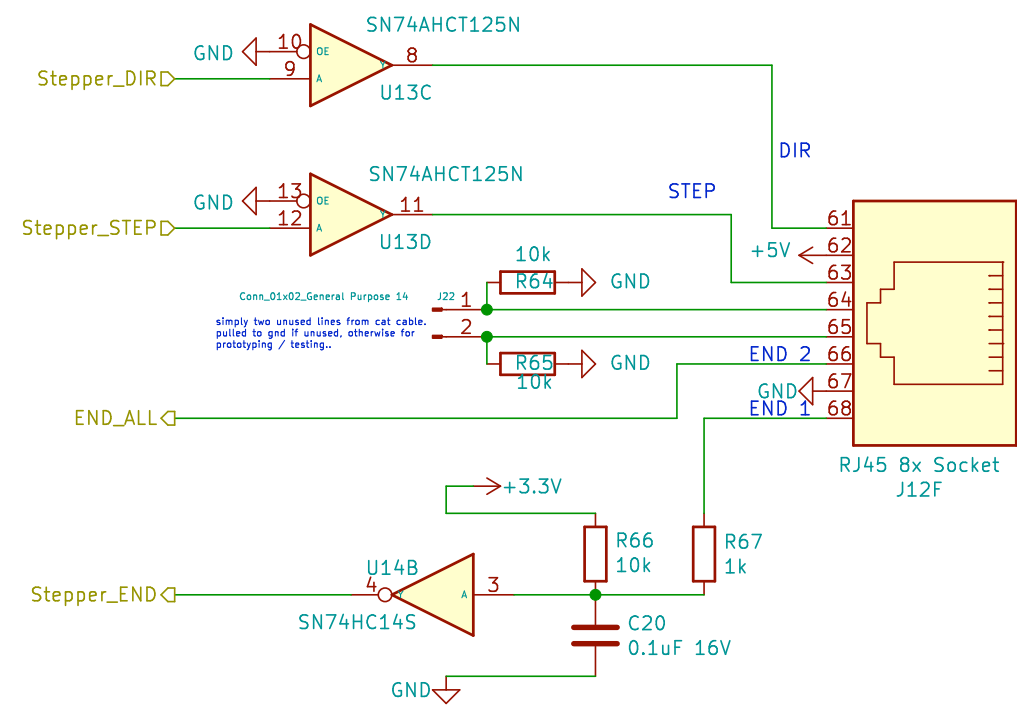
Dates:

Rev:

KiCad E.D.A. kicad (5.1.9-0-10_14)

Id: 14/15

STEPPER_MOTOR_CONNECTION_14



Sheet: /Stepper Connection 14/
File: StepperConnection14.sch

Title:

Size: A4

Date:

Rev:

KiCad E.D.A. kicad (5.1.9-0-10_14)

Id: 15/15