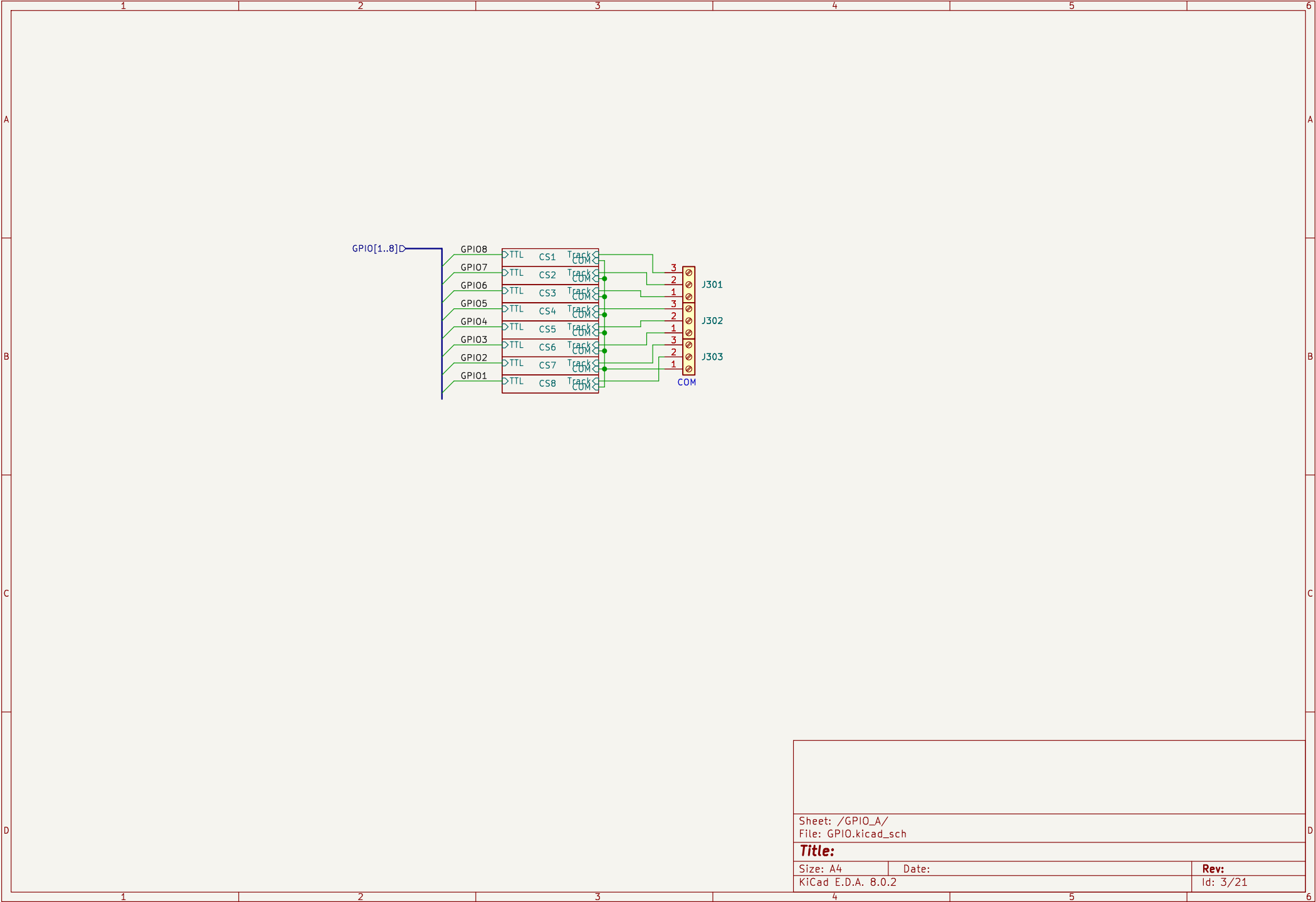
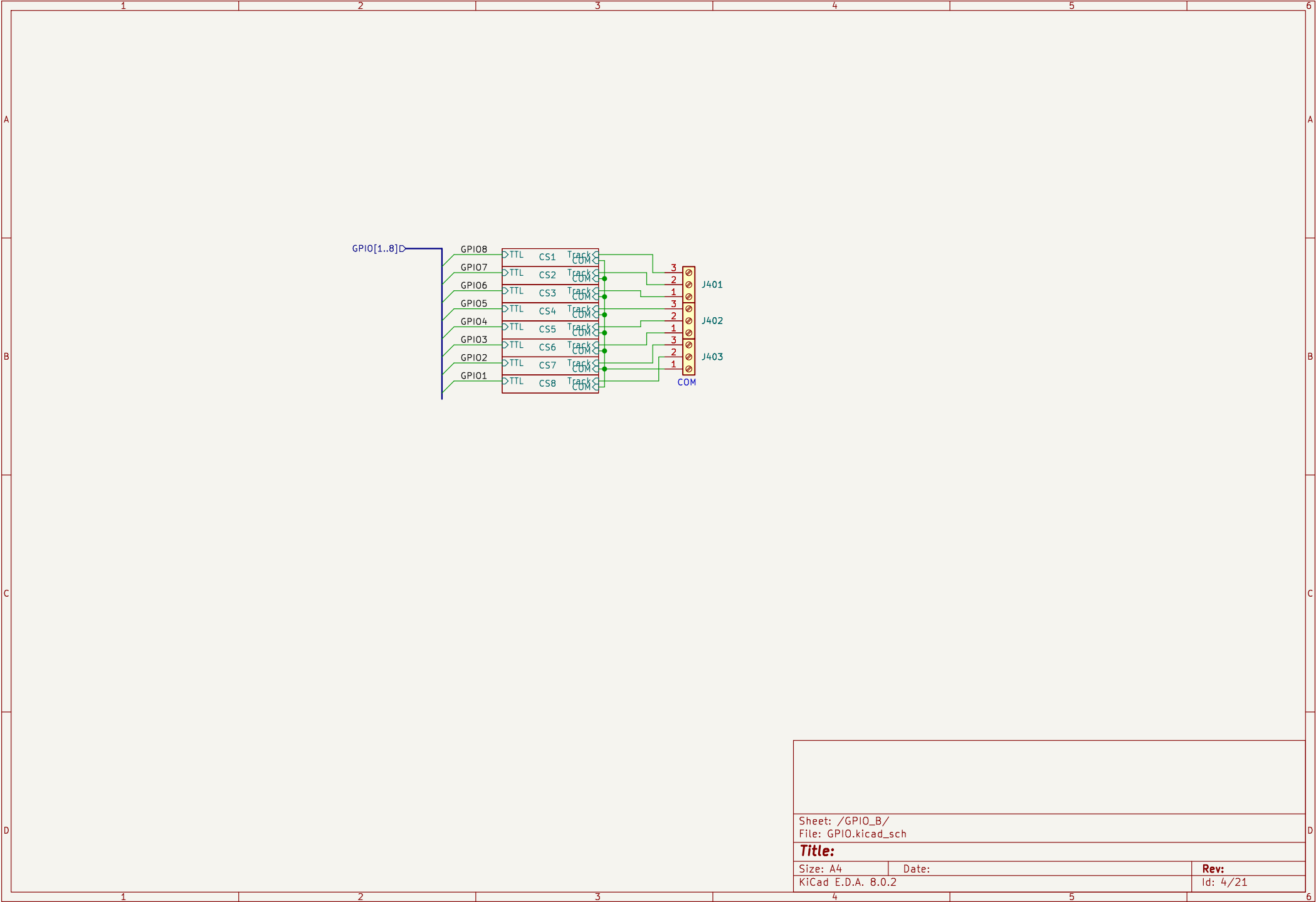
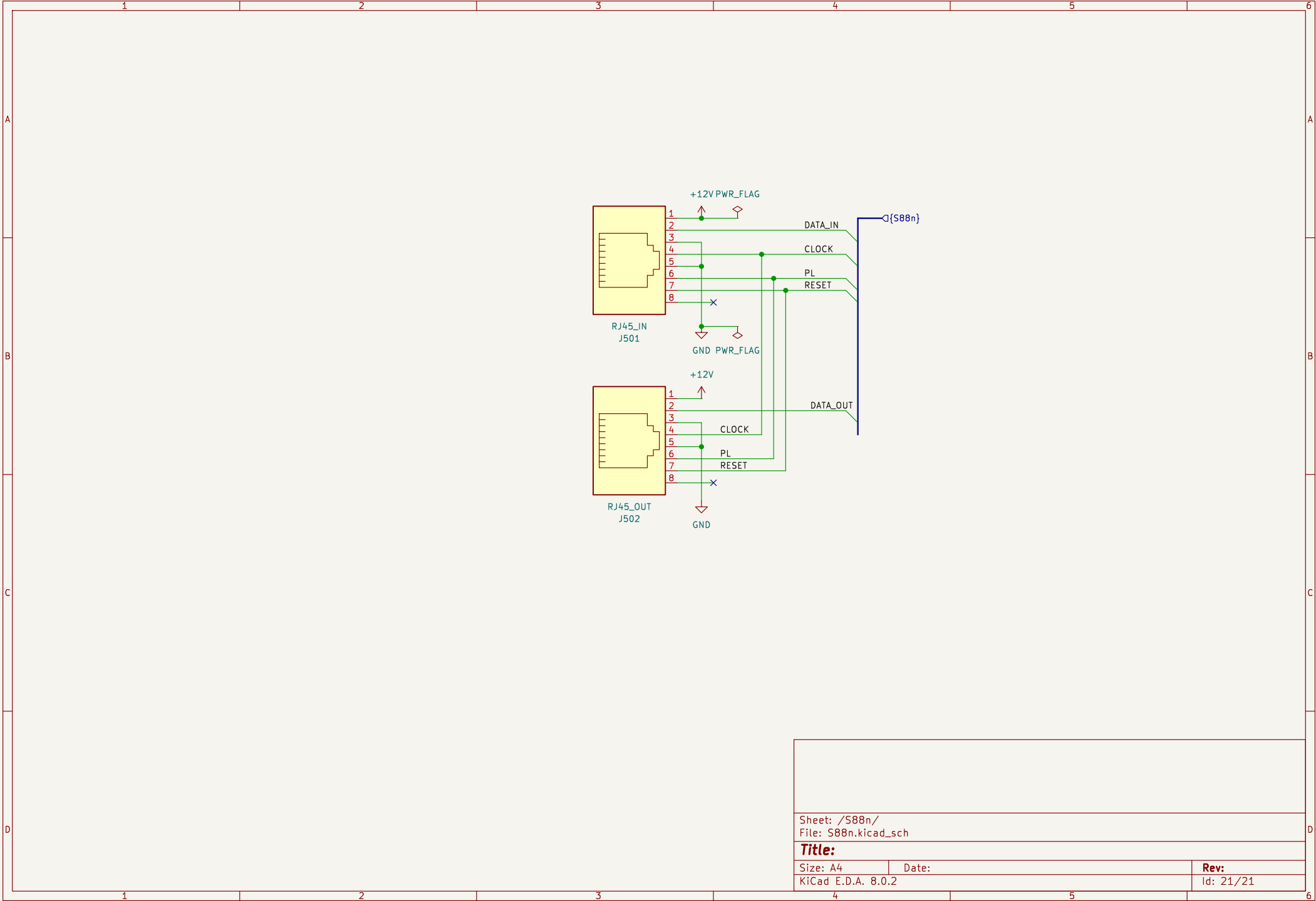


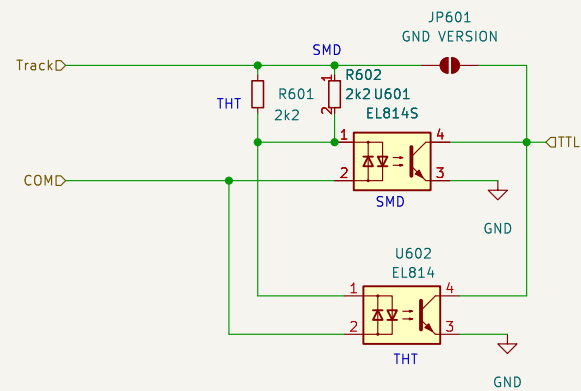
```
attachInterrupt(0,clock,RISING); //pin 2 = clock interrupt
pinMode(3, INPUT_PULLUP);
attachInterrupt(1,PS,RISING); //pin 3 = PS interrupt
pinMode(dataIn,INPUT_PULLUP); //pin 12 = data in from next Arduino S88 in chain
pinMode(dataOut, OUTPUT); //pin 13 = data out to ECoS or to previous Arduino in S88 chain
digitalWrite(dataOut, LOW); //LED off
pinMode(A0, INPUT_PULLUP); //sensor 01
pinMode(A1, INPUT_PULLUP); //sensor 02
pinMode(A2, INPUT_PULLUP); //sensor 03
pinMode(A3, INPUT_PULLUP); //sensor 04
pinMode(A4, INPUT_PULLUP); //sensor 05
pinMode(A5, INPUT_PULLUP); //sensor 06
pinMode(0, INPUT_PULLUP); //sensor 07
pinMode(1, INPUT_PULLUP); //sensor 08
pinMode(4, INPUT_PULLUP); //sensor 09
pinMode(5, INPUT_PULLUP); //sensor 10
pinMode(6, INPUT_PULLUP); //sensor 11
pinMode(7, INPUT_PULLUP); //sensor 12
pinMode(8, INPUT_PULLUP); //sensor 13
pinMode(9, INPUT_PULLUP); //sensor 14
pinMode(10, INPUT_PULLUP); //sensor 15
pinMode(11, INPUT_PULLUP); //sensor 16
```

Sheet: /UNO/		
File: UNO.kicad_sch		
Title:		
Size: A4	Date:	Rev:
KiCad E.D.A. 8.0.2	Id: 2/21	









Sheet: /GPIO_A/CS1/
File: currentSense.kicad_sch

Title:

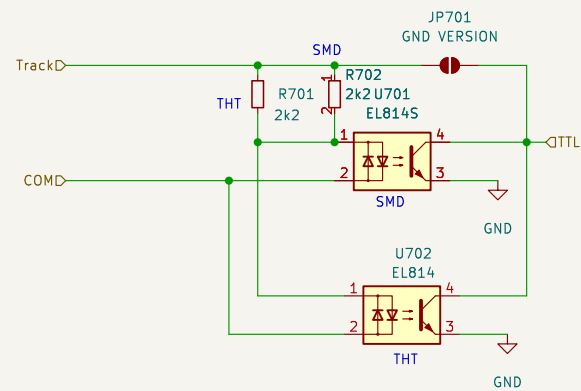
Size: A4

Date:

Rev:

KiCad E.D.A. 8.0.2

Id: 6/21



Sheet: /GPIO_A/CS2/
File: currentSense.kicad_sch

Title:

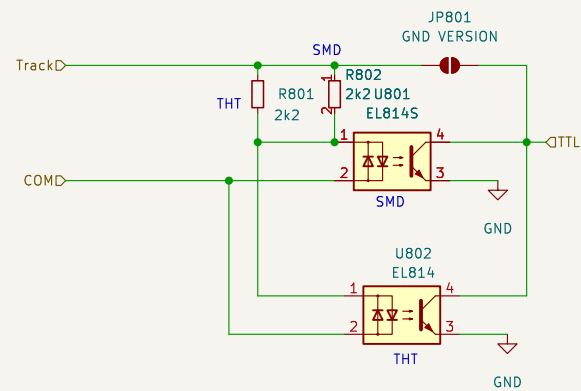
Size: A4

Date:

Rev:

KiCad E.D.A. 8.0.2

Id: 7/21



Sheet: /GPIO_A/CS3/
File: currentSense.kicad_sch

Title:

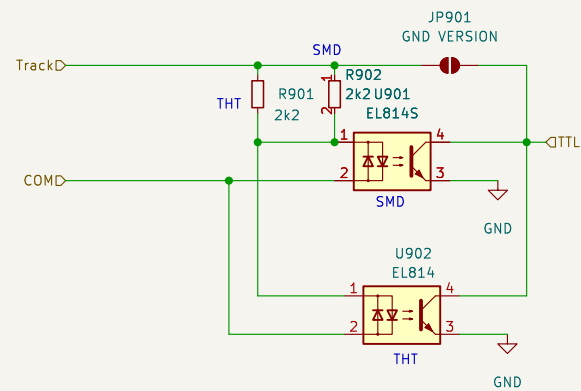
Size: A4

Date:

Rev:

KiCad E.D.A. 8.0.2

Id: 8/21



Sheet: /GPIO_A/CS4/
File: currentSense.kicad_sch

Title:

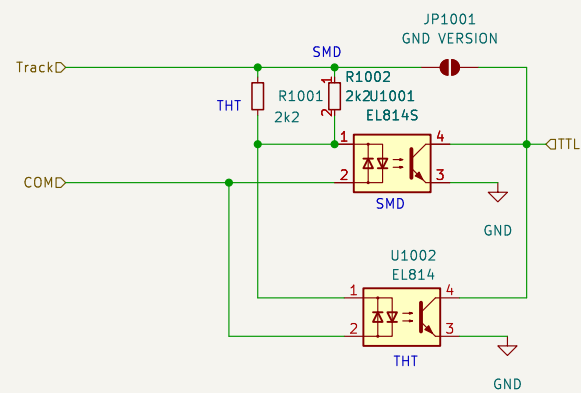
Size: A4

Date:

Rev:

KiCad E.D.A. 8.0.2

Id: 9/21



Sheet: /GPIO_A/CS5/
File: currentSense.kicad_sch

Title:

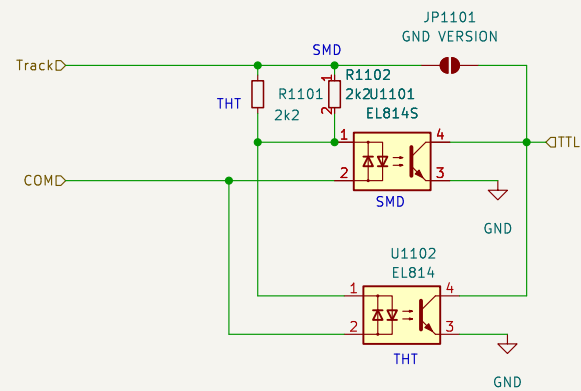
Size: A4

Date:

Rev:

KiCad E.D.A. 8.0.2

Id: 10/21



Sheet: /GPIO_A/CS6/
File: currentSense.kicad_sch

Title:

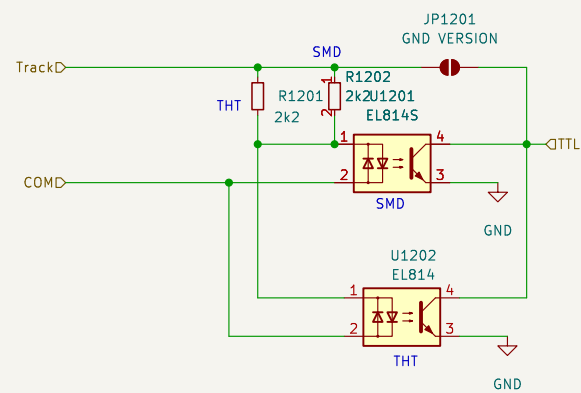
Size: A4

Date:

KiCad E.D.A. 8.0.2

Rev:

Id: 11/21



Sheet: /GPIO_A/CS7/
File: currentSense.kicad_sch

Title:

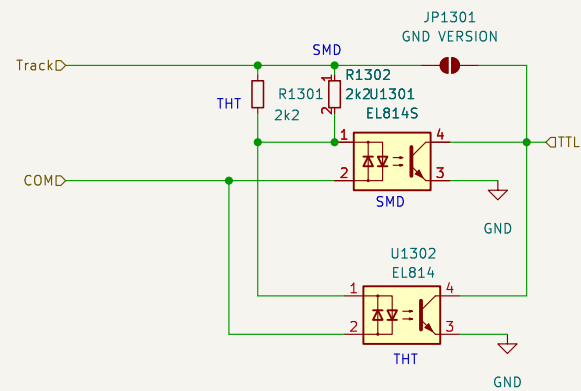
Size: A4

Date:

Rev:

KiCad E.D.A. 8.0.2

Id: 12/21



Sheet: /GPIO_A/CS8/
File: currentSense.kicad_sch

Title:

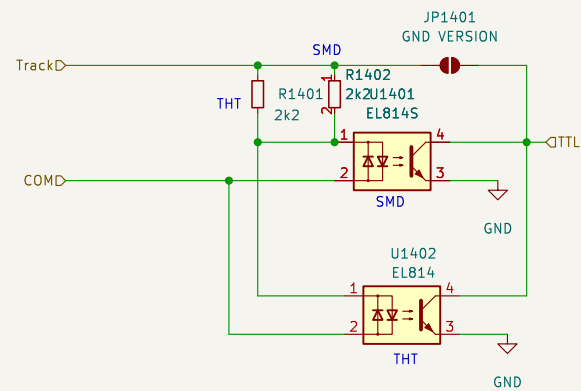
Size: A4

Date:

KiCad E.D.A. 8.0.2

Rev:

Id: 13/21



Sheet: /GPIO_B/CS1/
File: currentSense.kicad_sch

Title:

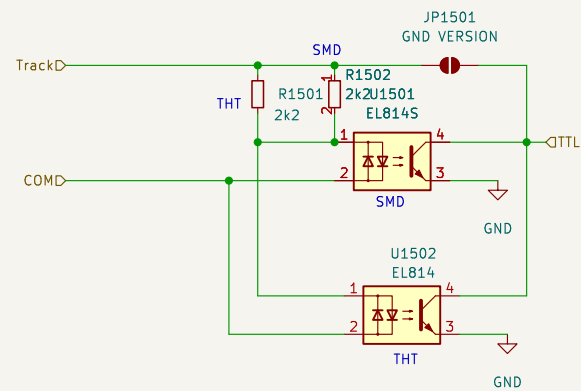
Size: A4

Date:

Rev:

KiCad E.D.A. 8.0.2

Id: 14/21



Sheet: /GPIO_B/CS2/
File: currentSense.kicad_sch

Title:

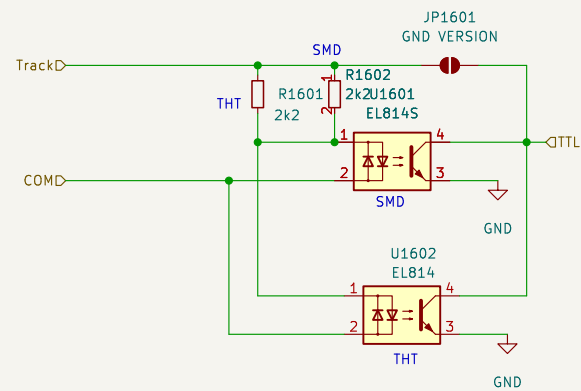
Size: A4

Date:

Rev:

KiCad E.D.A. 8.0.2

Id: 15/21



Sheet: /GPIO_B/CS3/
File: currentSense.kicad_sch

Title:

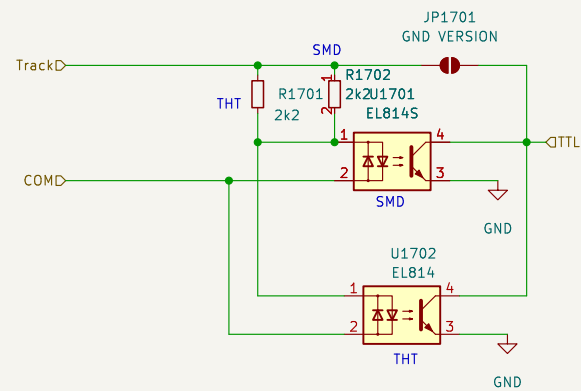
Size: A4

Date:

Rev:

KiCad E.D.A. 8.0.2

Id: 16/21



Sheet: /GPIO_B/CS4/
File: currentSense.kicad_sch

Title:

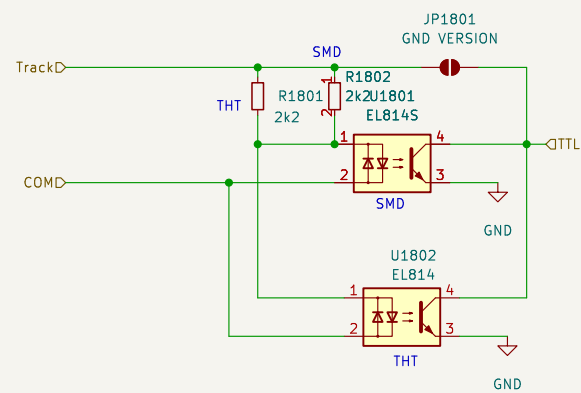
Size: A4

Date:

Rev:

KiCad E.D.A. 8.0.2

Id: 17/21



Sheet: /GPIO_B/CS5/
File: currentSense.kicad_sch

Title:

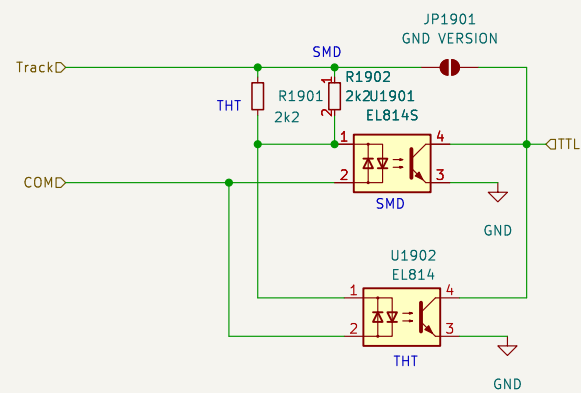
Size: A4

Date:

KiCad E.D.A. 8.0.2

Rev:

Id: 18/21



Sheet: /GPIO_B/CS6/
File: currentSense.kicad_sch

Title:

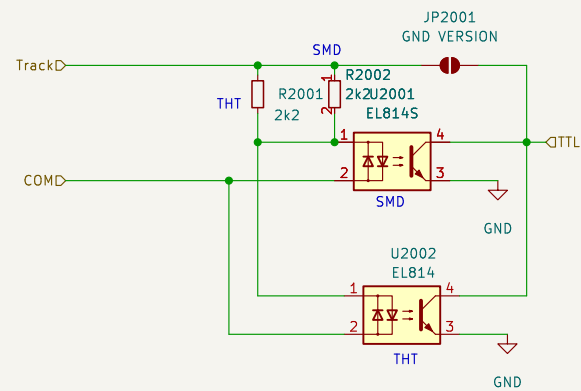
Size: A4

Date:

KiCad E.D.A. 8.0.2

Rev:

Id: 19/21



Sheet: /GPIO_B/CS7/
File: currentSense.kicad_sch

Title:

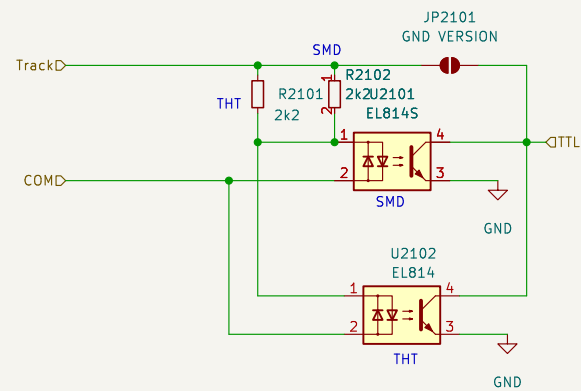
Size: A4

Date:

Rev:

KiCad E.D.A. 8.0.2

Id: 20/21



Sheet: /GPIO_B/CS8/
File: currentSense.kicad_sch

Title:

Size: A4

Date:

Rev:

KiCad E.D.A. 8.0.2

Id: 21/21