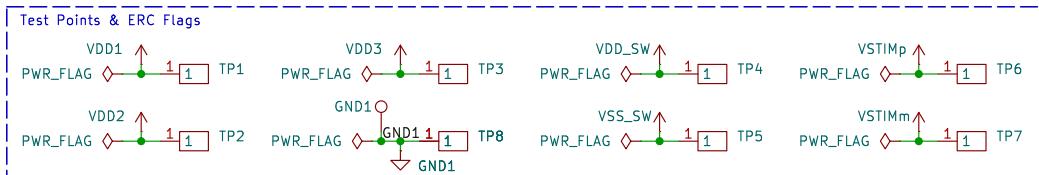
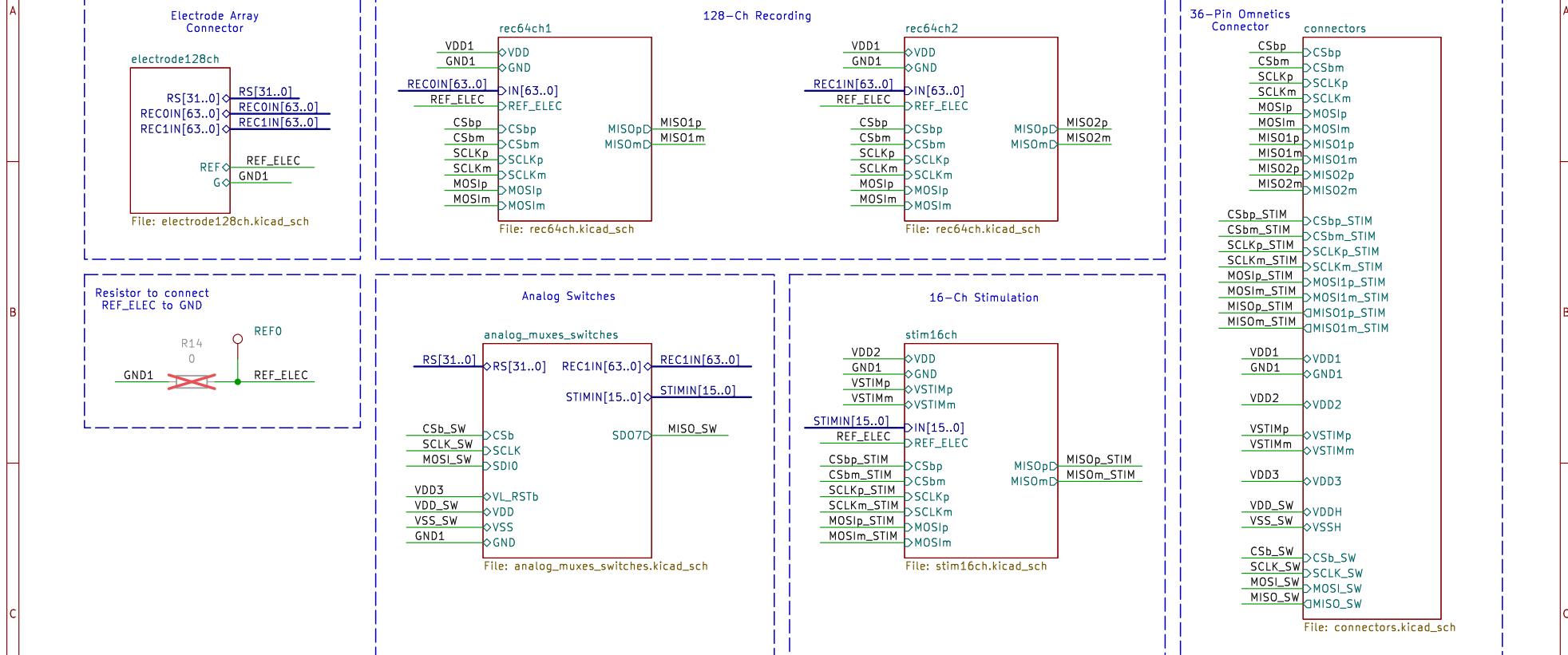


1 2 3 4 5



**OpenIC**

Sheet: /  
File: iris-128s.kicad\_sch

**Title: Iris-128s**

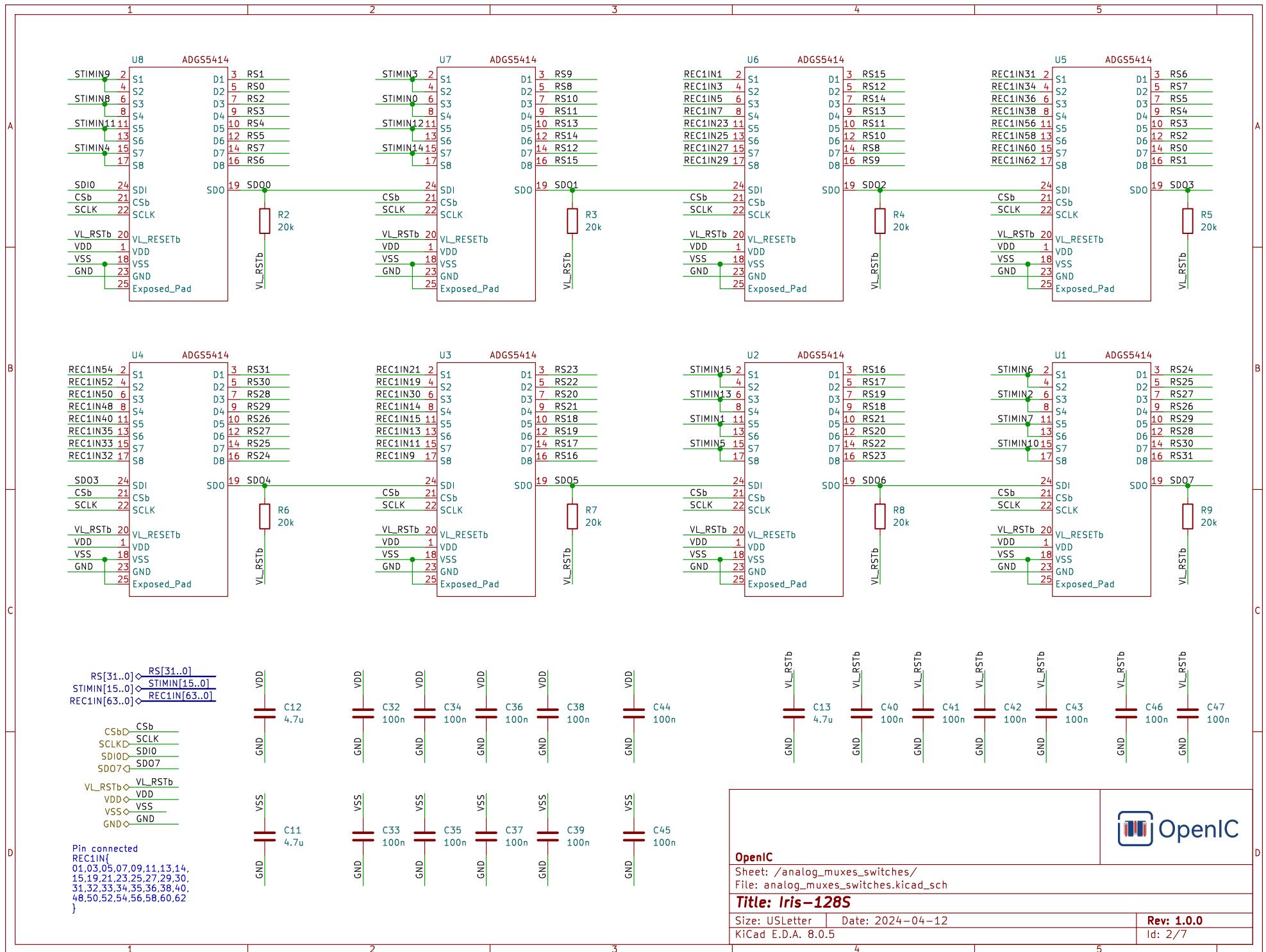
Size: USLetter | Date: 2024-04-12  
KiCad E.D.A. 8.0.5

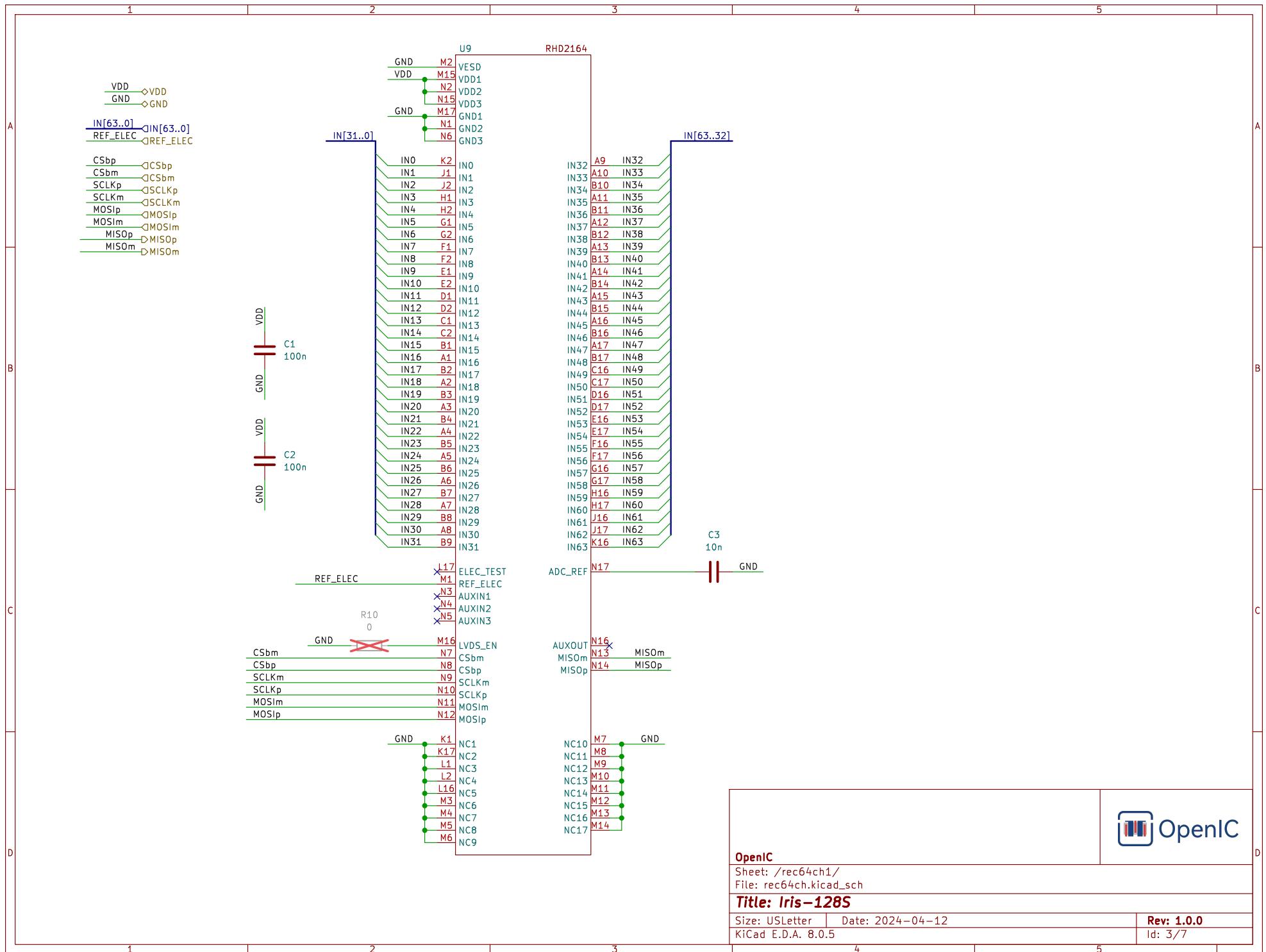


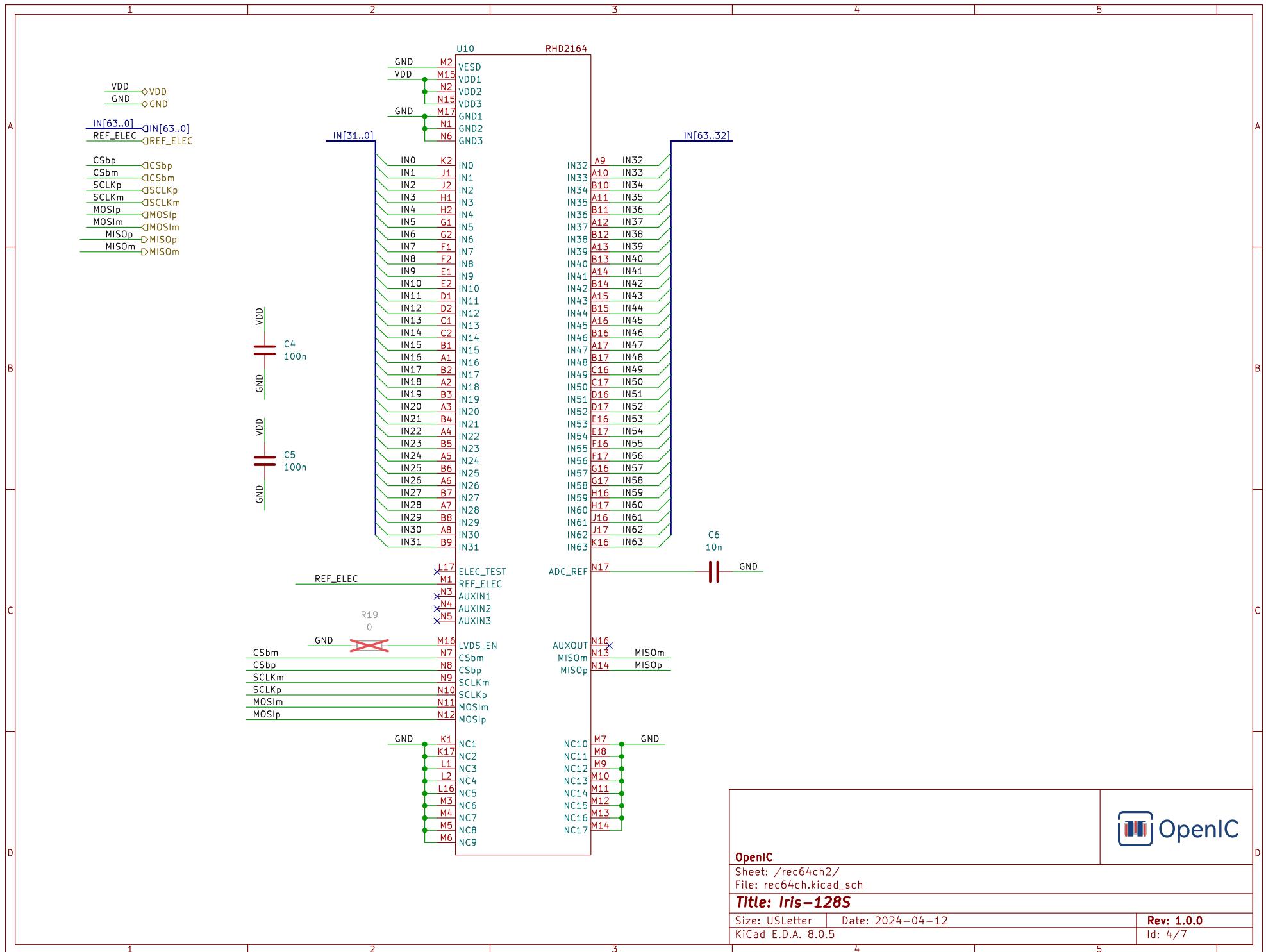
Rev: 1.0.0

Id: 1/7

1 2 3 4 5







OpenIC

Sheet: /rec64ch2/  
File: rec64ch.kicad\_sch

Title: Iris-128S

Size: USLetter Date: 2024-04-12  
KiCad E.D.A. 8.0.5



Rev: 1.0.0

Id: 4/7

1

2

3

4

5

A

A

B

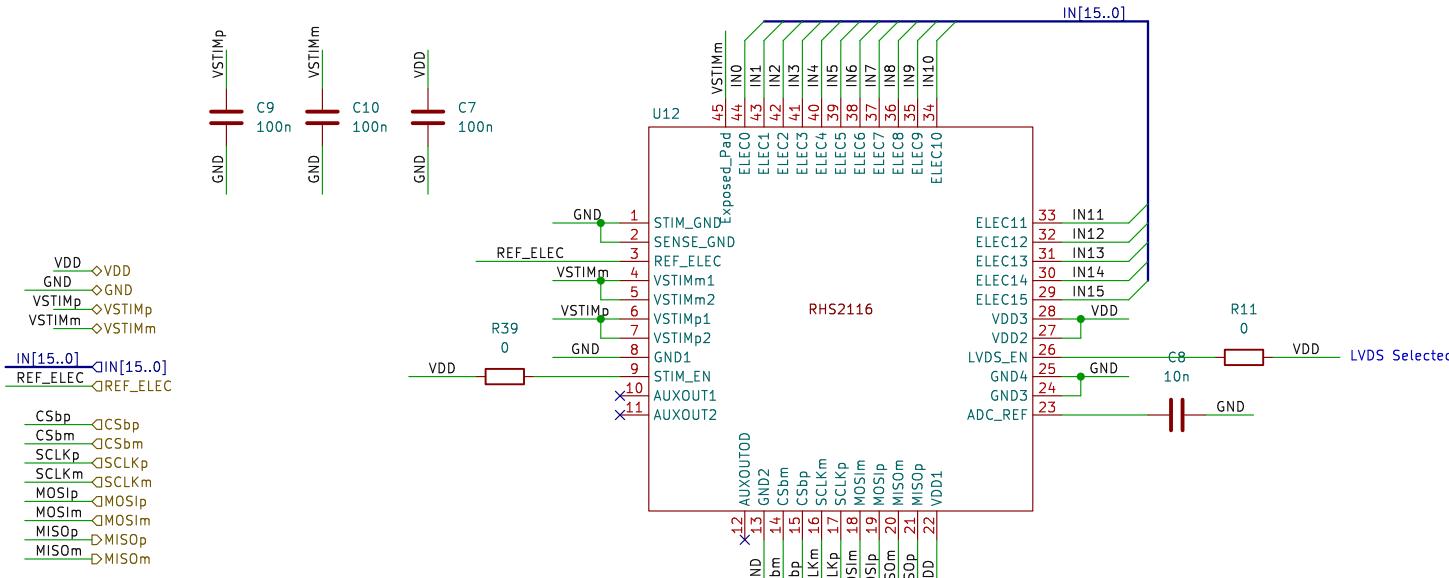
B

C

C

D

D



OpenIC

Sheet: /stim16ch/  
File: stim16ch.kicad\_sch

Title: Iris-128S

Size: USLetter Date: 2024-04-12

KiCad E.D.A. 8.0.5



Rev: 1.0.0

Id: 5/7

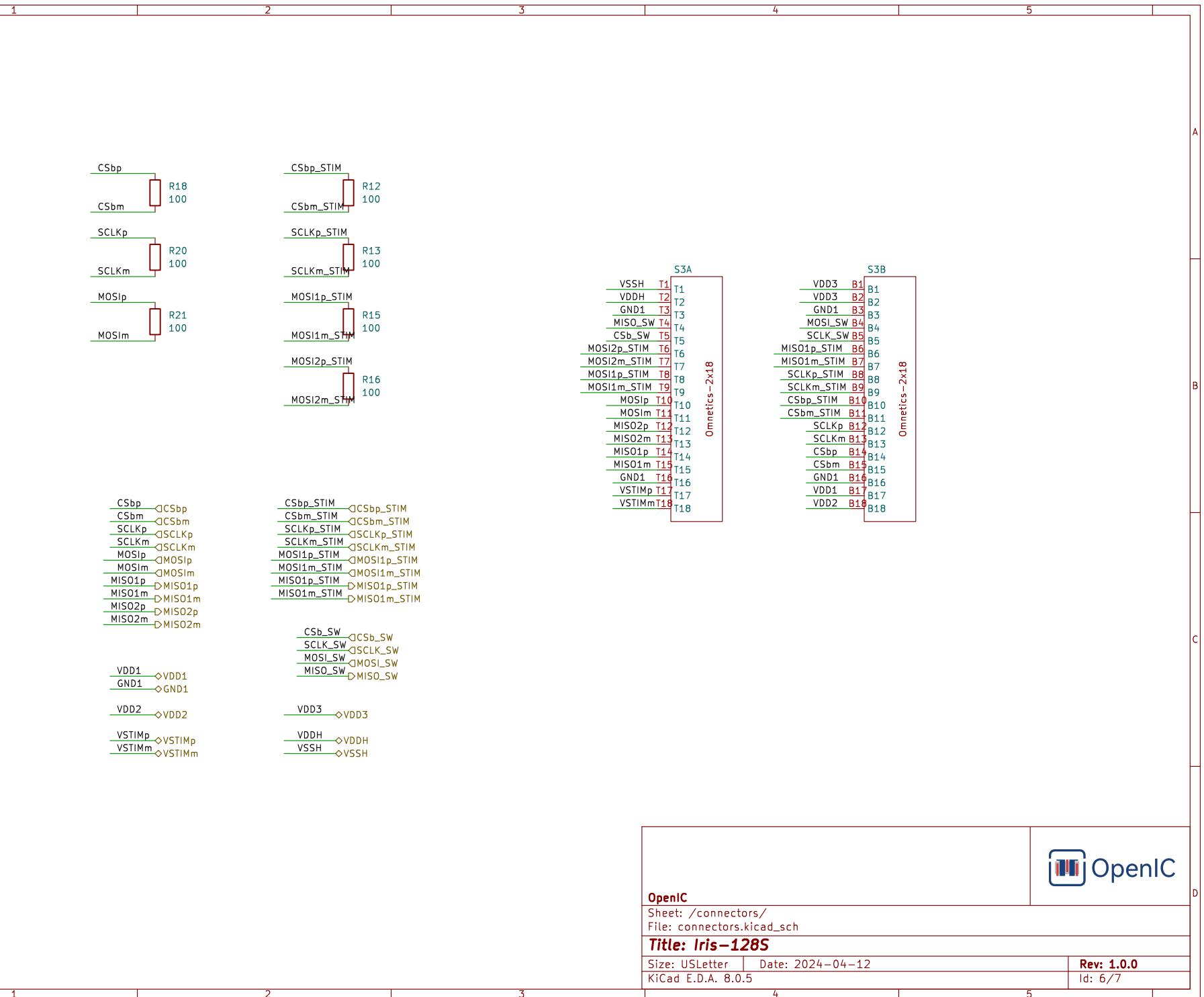
1

2

3

4

5



A

S5A	
A01	RECOIN1
A02	RECOIN54
A03	RECOIN3
A04	RECOIN29
A05	RECOIN5
A06	RECOIN27
A07	RECOIN7
A08	RECOIN25
A09	RECOIN9
A10	RECOIN23
A11	RECOIN11
A12	RECOIN16
A13	RECOIN0
A14	RECOIN10
A15	RECOIN2
A16	RECOIN8
A17	RECOIN4
A18	RECOIN6
A19	RECOIN13
A20	RECOIN15
A21	REC1IN46
A22	REC1IN12
A23	REC1IN63
A24	REC1IN8
A25	REC1IN61
A26	REC1IN26
A27	REC1IN45
A28	REC1IN43
A29	REC1IN47
A30	REC1IN55
A31	REC1IN59
A32	REC1IN57

Electrodes 1

S5B	
B01	RECOIN62
B02	RECOIN60
B03	RECOIN46
B04	RECOIN48
B05	RECOIN59
B06	RECOIN63
B07	RECOIN51
B08	RECOIN55
B09	RECOIN40
B10	RECOIN35
B11	RECOIN30
B12	RECOIN32
B13	RECOIN36
B14	RECOIN38
B15	RECOIN28
B16	RECOIN34
B17	RECOIN26
B18	RECOIN31
B19	RECOIN14
B20	RECOIN18
B21	RECOIN17
B22	REC1IN17
B23	REC0IN21
B24	REC1IN2
B25	REC0IN19
B26	REC1IN20
B27	REC1IN53
B28	REC1IN37
B29	REC1IN41
B30	REC1IN42
B31	REC1IN51
B32	REC1IN49

Electrodes 2

S5C	
C01	RECOIN58
C02	RECOIN56
C03	RECOIN52
C04	RECOIN50
C05	RECOIN45
C06	RECOIN47
C07	RECOIN43
C08	RECOIN61
C09	RECOIN57
C10	RECOIN41
C11	RECOIN53
C12	RECOIN39
C13	RECOIN49
C14	RECOIN37
C15	RECOIN42
C16	RECOIN44
C17	RECOIN33
C18	RECOIN22
C19	RECOIN20
C20	RECOIN24
C21	REC1IN0
C22	REC1IN16
C23	REC1IN18
C24	REC1IN4
C25	REC1IN6
C26	REC1IN22
C27	REC1IN24
C28	REC1IN10
C29	REC1IN12
C30	REC1IN28
C31	REC1IN39
C32	REC1IN44

Electrodes 3

S5D	
D01	RS0
D02	RS1
D03	RS2
D04	RS3
D05	RS4
D06	RS5
D07	RS6
D08	RS7
D09	RS8
D10	RS9
D11	RS10
D12	RS11
D13	RS12
D14	RS13
D15	RS14
D16	RS15
D17	RS16
D18	RS17
D19	RS18
D20	RS19
D21	RS20
D22	RS21
D23	RS22
D24	RS23
D25	RS24
D26	RS25
D27	RS26
D28	RS27
D29	RS28
D30	RS29
D31	RS30
D32	RS31

Electrodes 4

S5E	
R1_1	REF
R1_2	
R1_3	
R1_4	
R2_1	
R2_2	
R2_3	
R2_4	
LED1	
LED2	
3.3V_1	
3.3V_2	
3.3V_3	
3.3V_4	
G01	G
G02	
G03	
G04	
G05	
G06	
G07	
G08	
G09	
G10	
G11	
G12	
G13	
G14	
G15	
G16	
G17	
G18	

Other Pins

REF → REF  
 REC0IN[63..0] → REC0IN[63..0]  
 REC1IN[63..0] → REC1IN[63..0]  
 G → G  
 RS[31..0]

```
Pins connected
REC1IN{
  00,02,04,06,08,10,12,16,
  17,18,20,22,24,26,28,37
  39,41,42,43,44,45,46,47,
  49,51,53,55,57,59,61,63
}
```

Recording Electrodes

Rec/Stim Electrodes

Other Electrodes/Pins

**OpenIC**

Sheet: /electrode128ch/  
 File: electrode128ch.kicad\_sch

Title: Iris-128S

Size: USLetter Date: 2024-04-12  
 KiCad E.D.A. 8.0.5



Rev: 1.0.0

Id: 7/7

D