

Sheet: /  
File: dut\_hub.kicad\_sch

**Title:**

Size: A4 | Date:  
KiCad E.D.A. 9.0.7

Rev:  
Id: 1/8

A

A

B

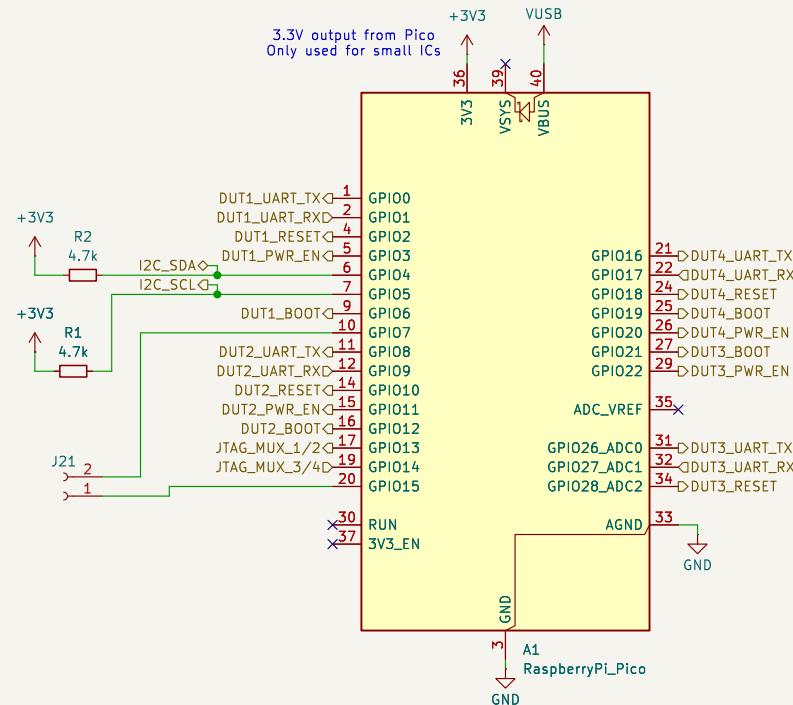
B

C

C

D

D



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File: raspberry\_pico.kicad\_sch

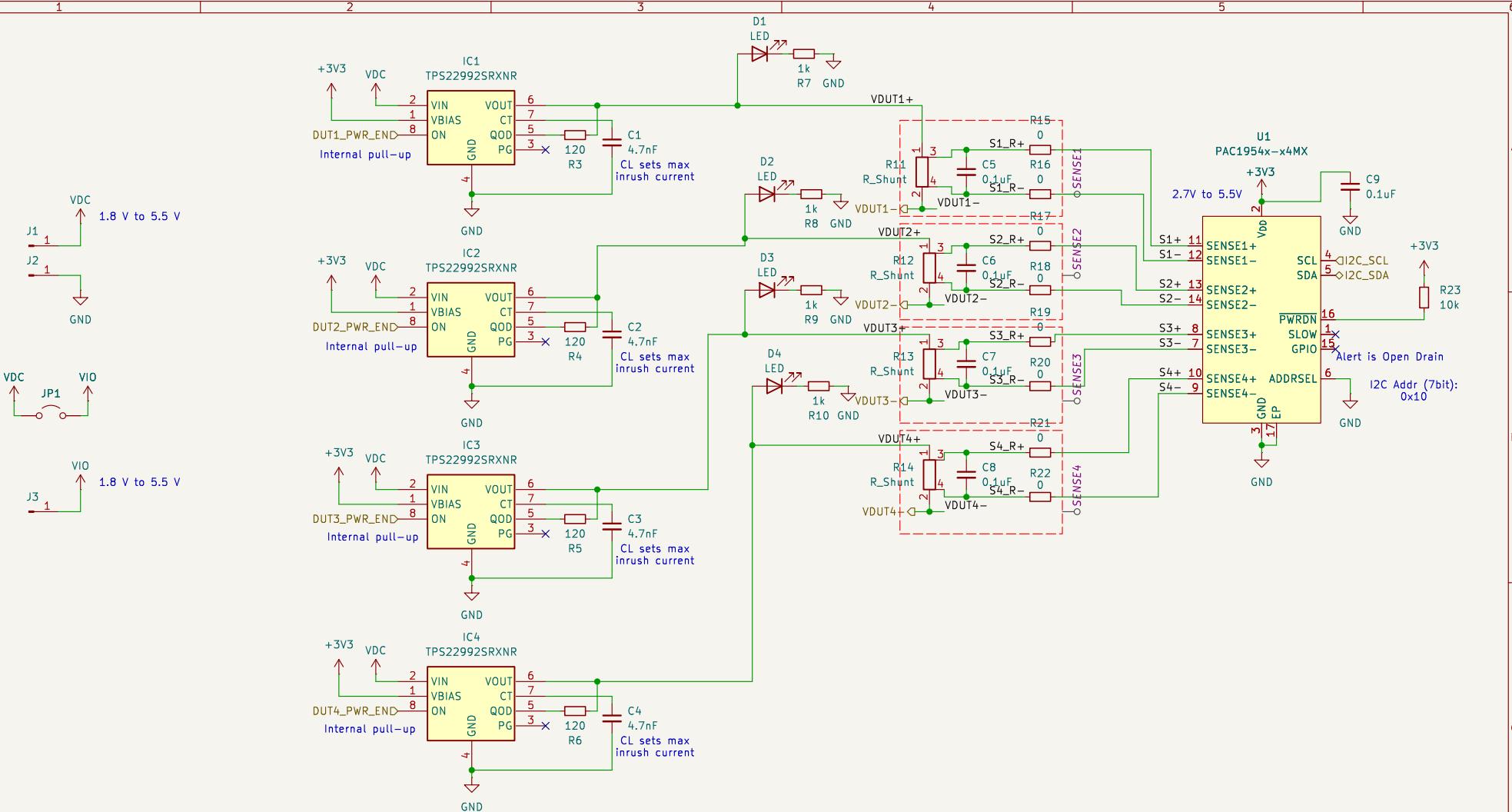
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### 9.3.3 Adjustable Slew Rate

A capacitor to GND on the CT pin sets the slew rate, and the higher the capacitance the lower the slew rate. The voltage on the CT pin can be as high as 15 V; therefore, the minimum voltage rating for the CT capacitor must be 30 V for optimal performance. Rise times for VBIAS = 5 V are shown below.

CT Capacitor	VIN = 5 V	VIN = 3.3 V	VIN = 1.8 V	VIN = 1.2 V	VIN = 0.8 V
0 pF	147 µs	113 µs	77 µs	59 µs	45 µs
220 pF	426 µs	297 µs	179 µs	129 µs	94 µs
1000 pF	1430 µs	962 µs	553 µs	386 µs	282 µs
4700 pF	6130 µs	4090 µs	2330 µs	1640 µs	1180 µs

Sheet: /Power/  
File: power.kicad\_sch

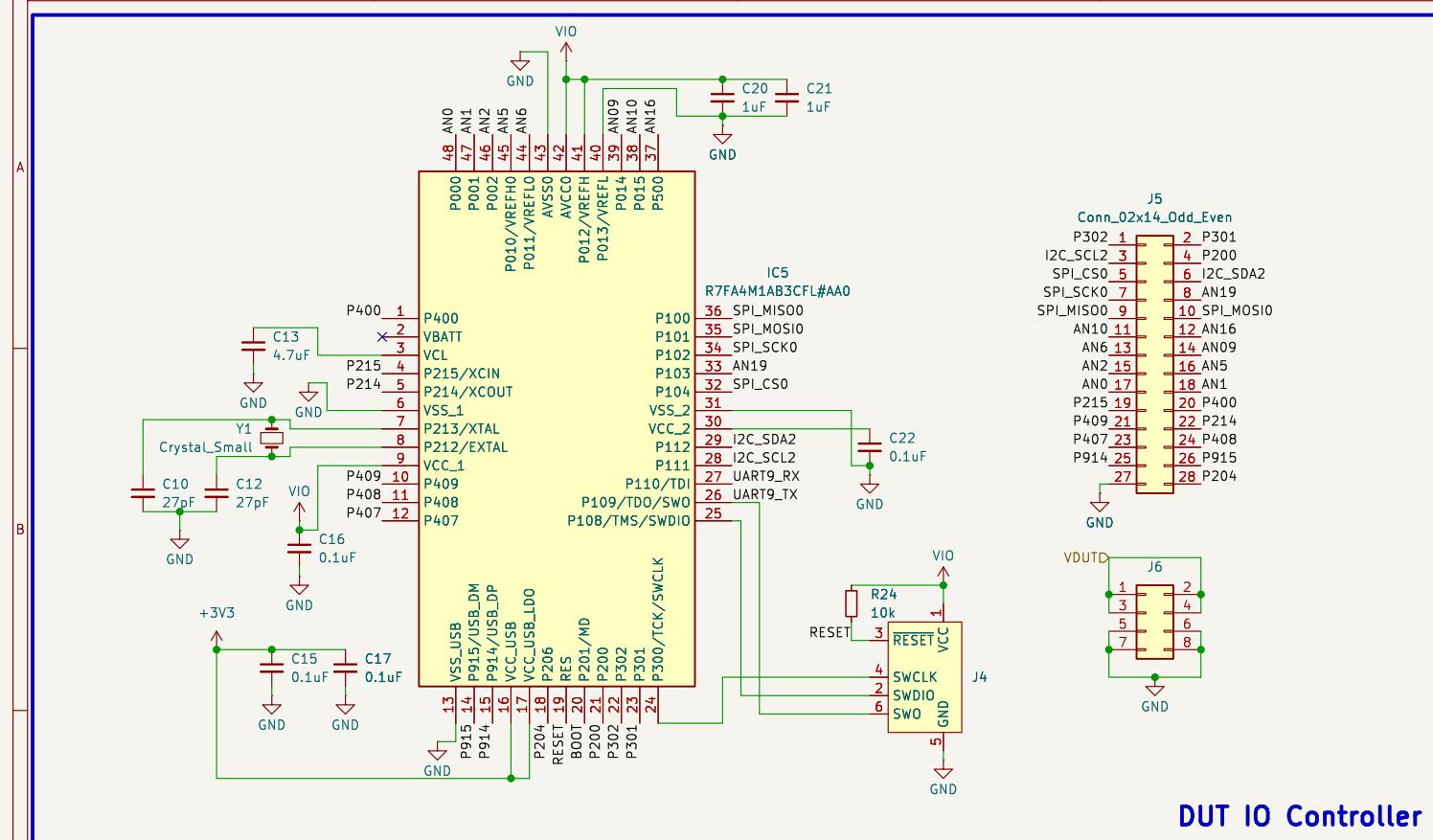
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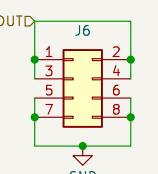
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1 2 3 4 5 6



**J5 Conn\_02x14\_Odd\_Even**

P302_1	2	P301
I2C_SCL2_3	4	P200
SPI_CS0_5	6	I2C_SDA2
SPI_SCK0_7	8	AN19
SPI_MISO0_9	10	SPL_MOSI0
AN10_11	12	AN16
AN6_13	14	AN09
AN2_15	16	AN5
ANO_17	18	AN1
P215_19	20	P400
P409_21	22	P214
P407_23	24	P408
P914_25	26	P915
P914_27	27	P204



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1 2 3 4 5 6

