


A	1	2	3	4	5	6	7	8	9																							
							<table><tr><td>REV</td><td>COMMENT</td><td>DATE</td><td>DRAWN BY</td></tr><tr><td>1.0</td><td>WS Release</td><td>03/09/2021</td><td>SDD/KSS</td></tr><tr><td>1.1</td><td>Added modifications</td><td>26/11/2021</td><td>SDD/KSS</td></tr><tr><td>1.2</td><td>Added modifications</td><td>10/12/2021</td><td>SDD/KSS</td></tr><tr><td>2.0</td><td>MP Release</td><td>23/01/2022</td><td>SDD/KSS</td></tr><tr><td>2.1</td><td>Replaced ISL33002 with ISL33003</td><td>10/02/2022</td><td>SDD/KSS</td></tr></table>	REV	COMMENT	DATE	DRAWN BY	1.0	WS Release	03/09/2021	SDD/KSS	1.1	Added modifications	26/11/2021	SDD/KSS	1.2	Added modifications	10/12/2021	SDD/KSS	2.0	MP Release	23/01/2022	SDD/KSS	2.1	Replaced ISL33002 with ISL33003	10/02/2022	SDD/KSS	
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B									B																							
C									C																							
D									D																							
E									E																							
F									F																							

# CK-RX65N

## TABLE OF CONTENTS

SHEET NO.	SHEET NAME	BLOCK NAME
1	Table of Contents	ck_rx65n
2	RX65N_MCU	ck_rx65n
3	USB_SERIAL	ck_rx65n
4	Power_HMI	ck_rx65n
5	USB_FS	ck_rx65n
6	Debug	ck_rx65n
7	Ethernet	ck_rx65n
8	Arduino	ck_rx65n
9	PMOD	ck_rx65n
10	Microphones	ck_rx65n
11	Sensors_1	ck_rx65n
12	Sensors_2	ck_rx65n
13	Sensors_3	ck_rx65n

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Title

CK-RX65N

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Title CK-RX65N

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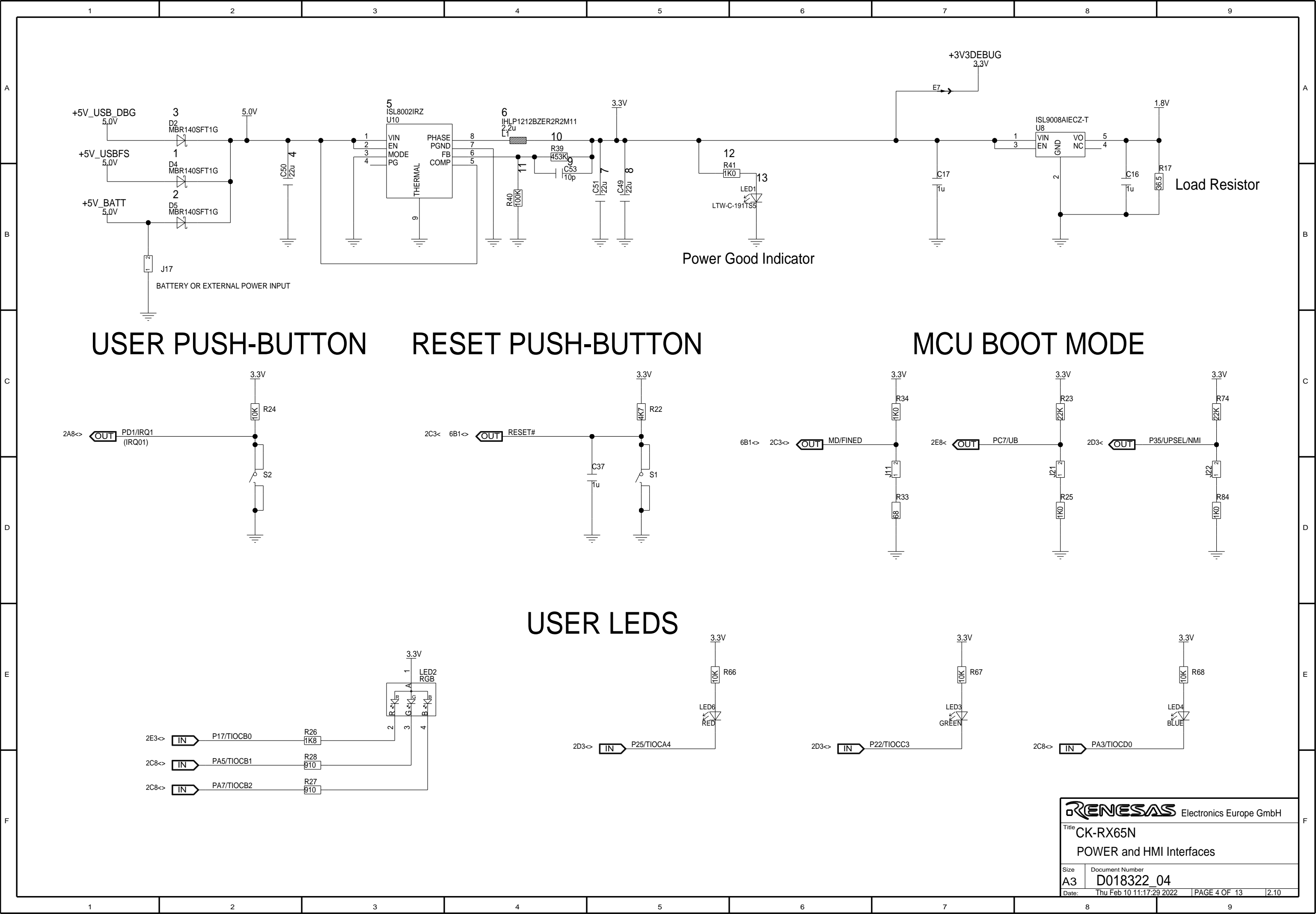
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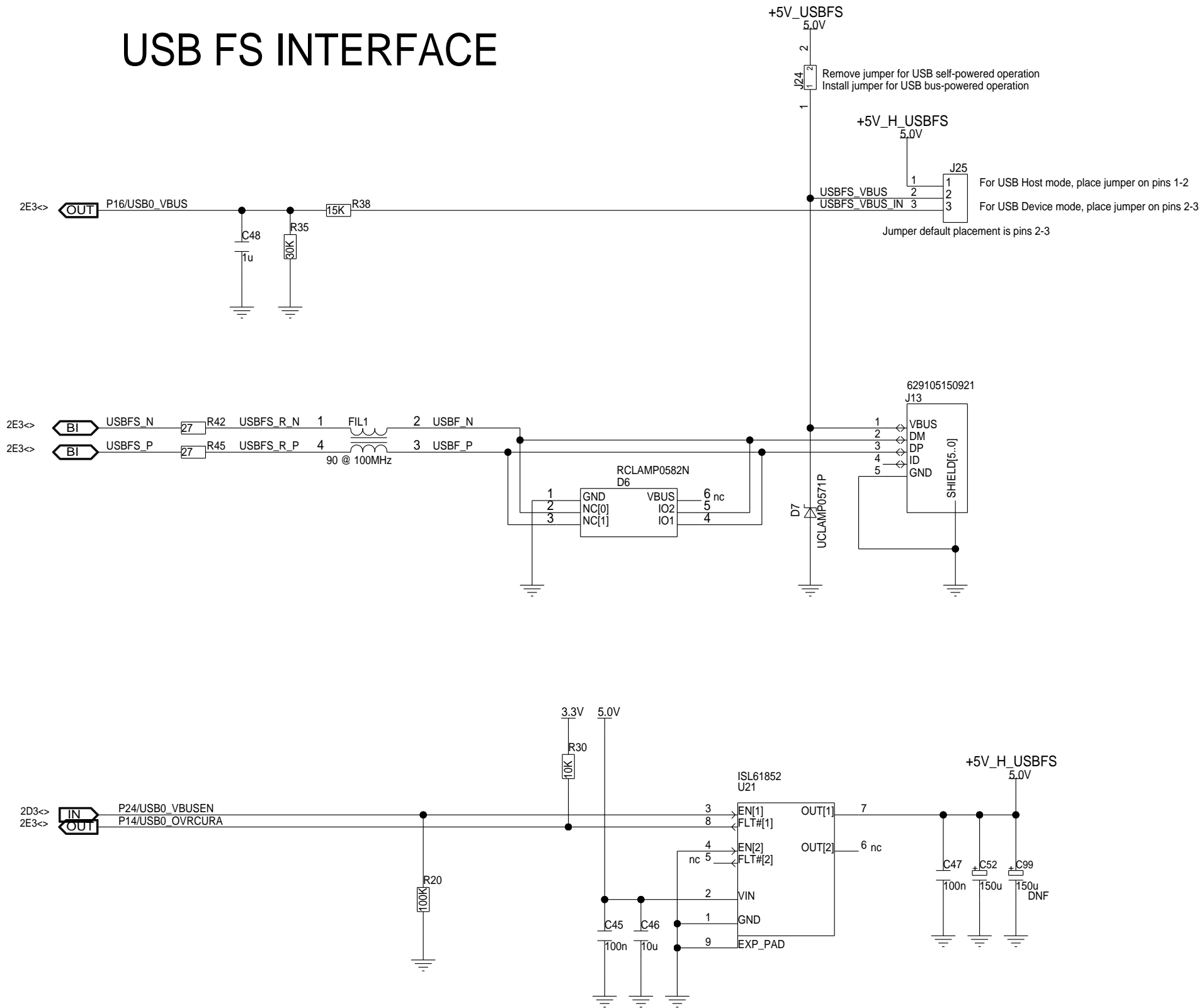
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# USB FS INTERFACE



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Title  
CK-RX65N  
USB FULL SPEED

Size  
A3

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Renesas Confidential  
Emulator Circuit

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Title

CK-RX65N  
DEBUG - E2 ON BOARD

Size

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Document Number

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Date:

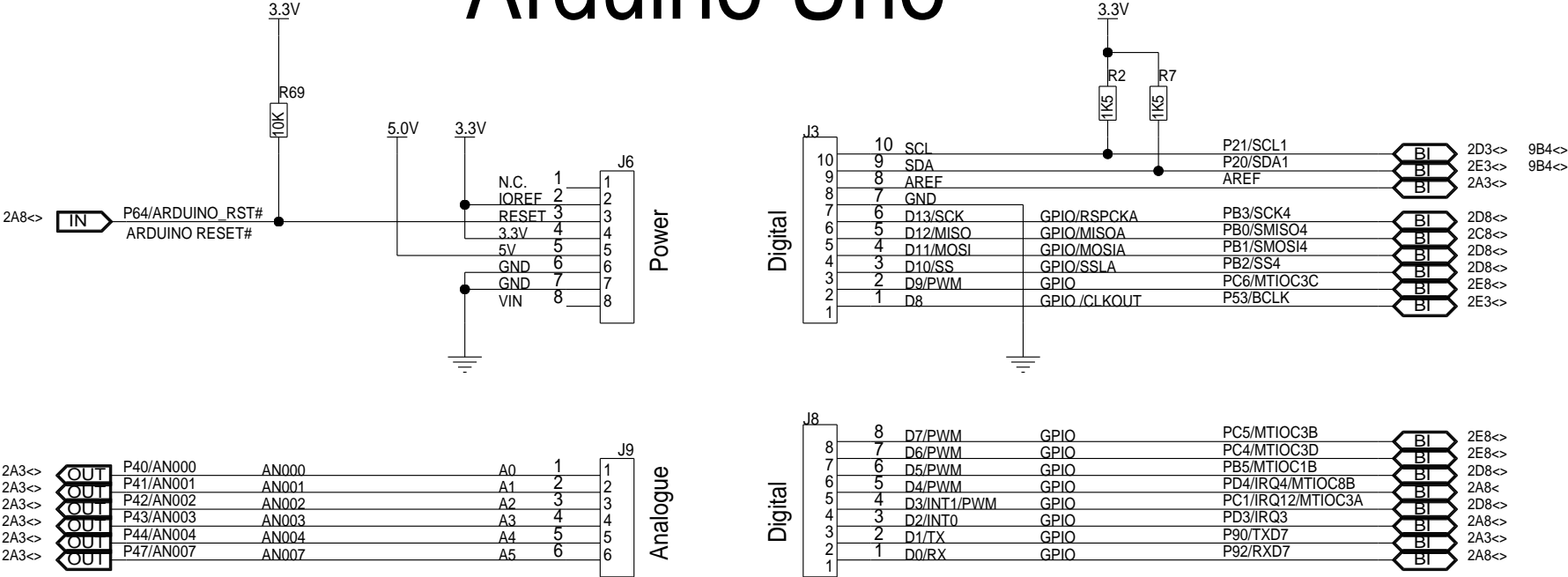
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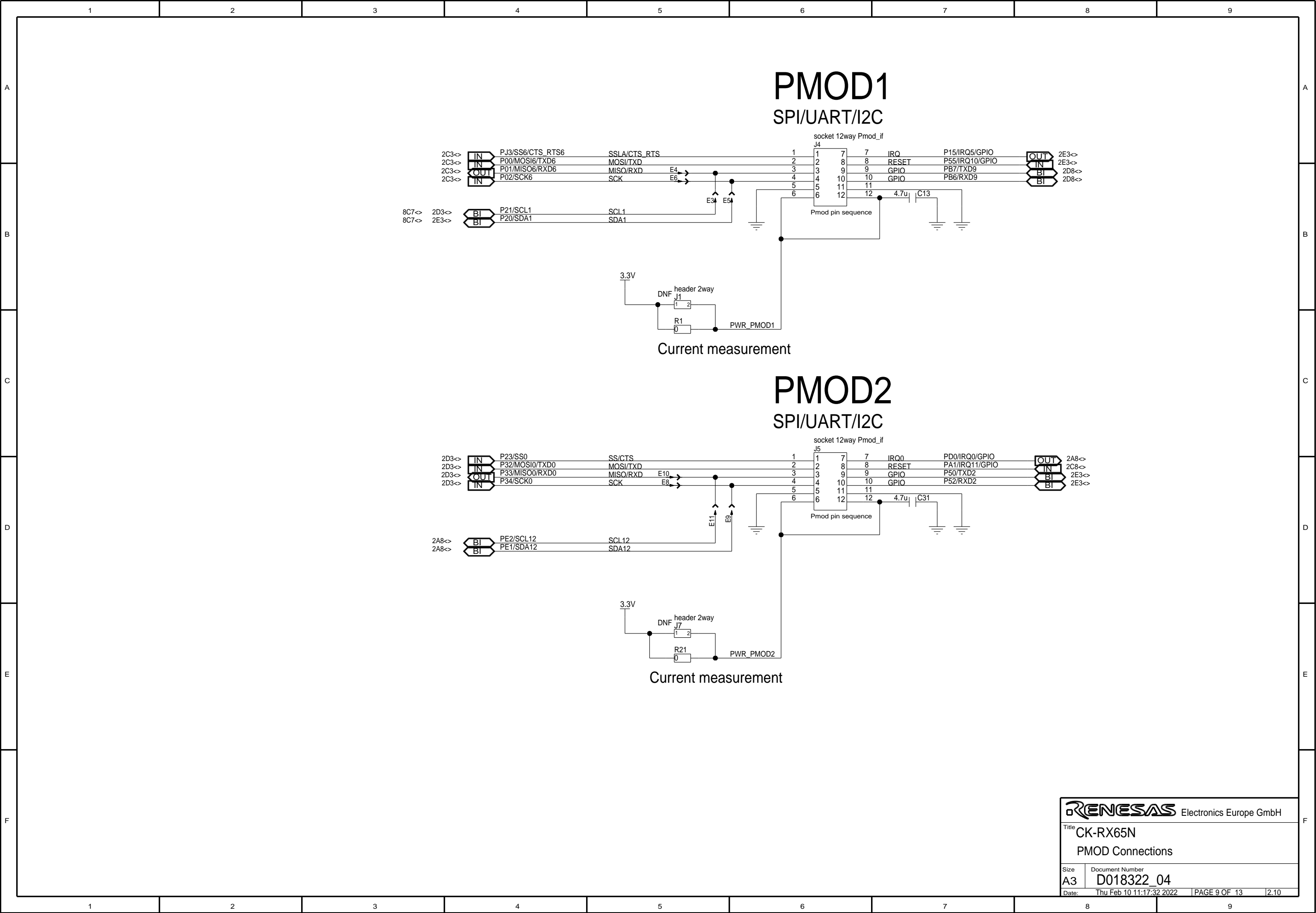
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# Arduino Uno







1

2

3

4

5

6

7

8

9

10

11

12

socket 12way Pmod\_if

J5

7

8

9

10

11

12

IRQ0

RESET

GPIO

GPIO

PD0/IRQ0/GPIO

PA1/IRQ11/GPIO

P50/TXD2

P52/RXD2

OUT

IN

BI

BI

2A8<->

2C8<->

2E3<->

2E3<->

4.7u

C31

Pmod pin sequence

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Title

CK-RX65N

PMOD Connections

Size

A3

Document Number

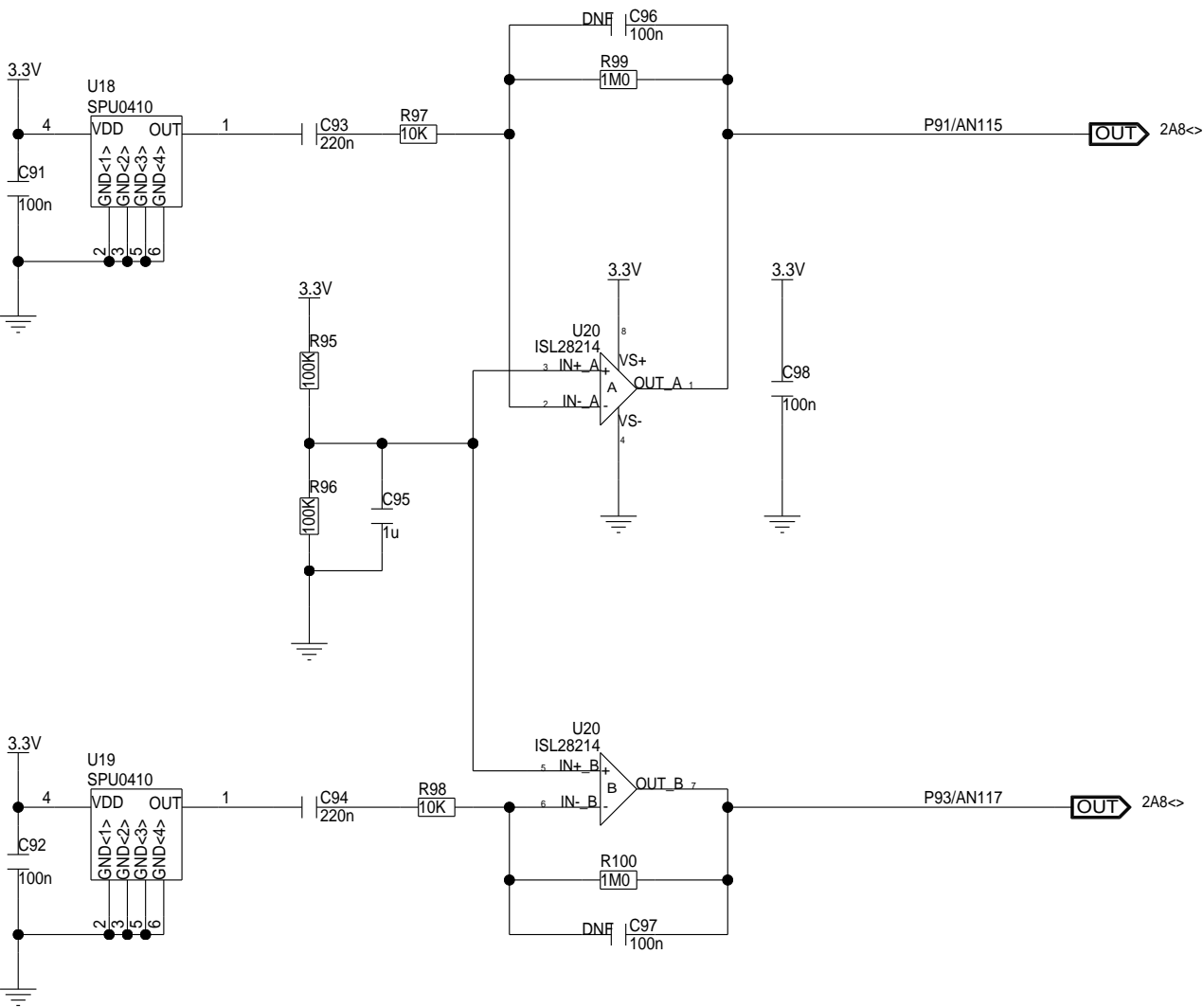
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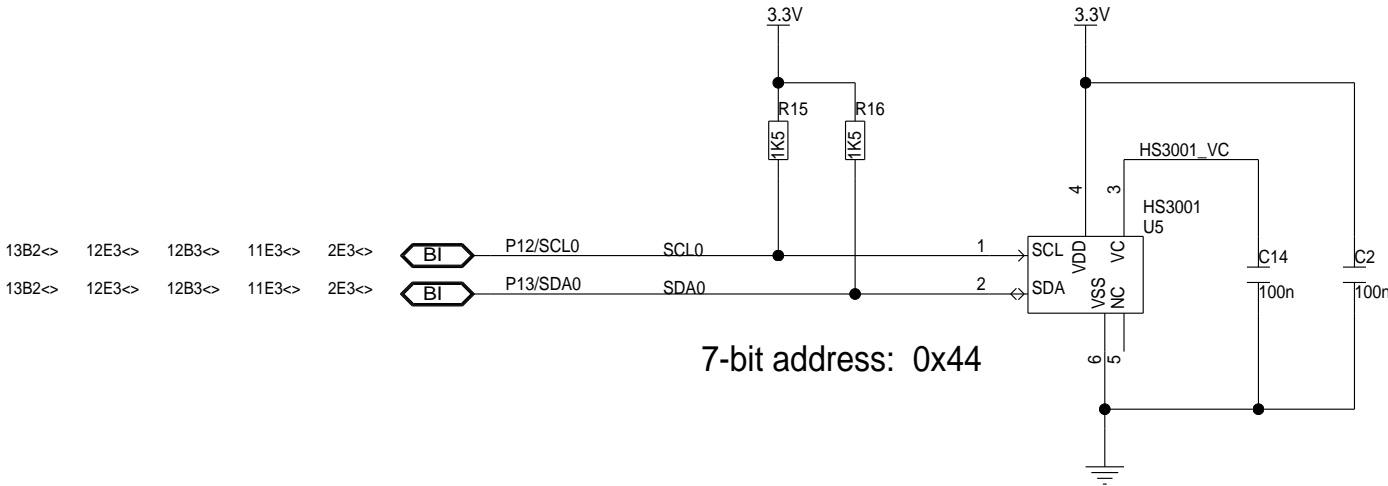


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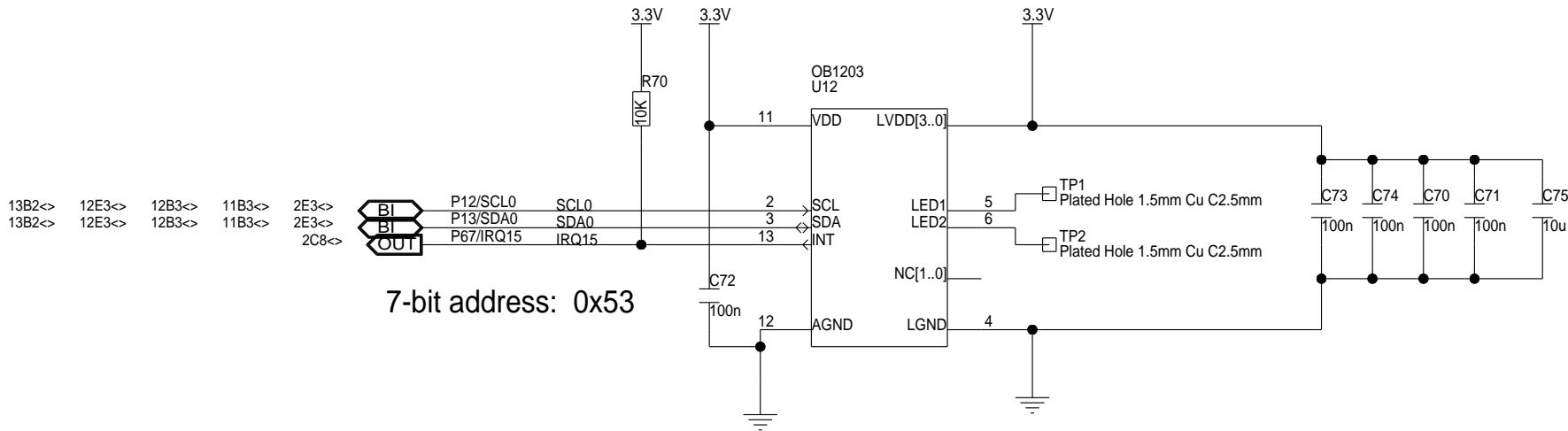
Title  
**CK-RX65N**  
MEMS Microphones

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HS3001 Temperature & Humidity Sensor



OB1203 BIOMETRIC SENSOR



Biometric Sensor requires accurate finger placement for correct operation.  
Include mechanical finger placement device to ensure correct finger placement.



