

A

B

C

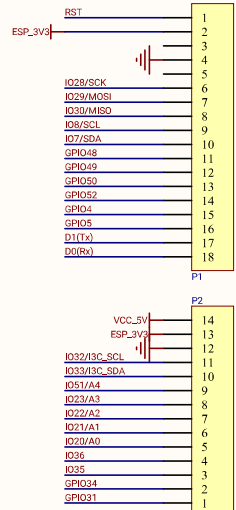
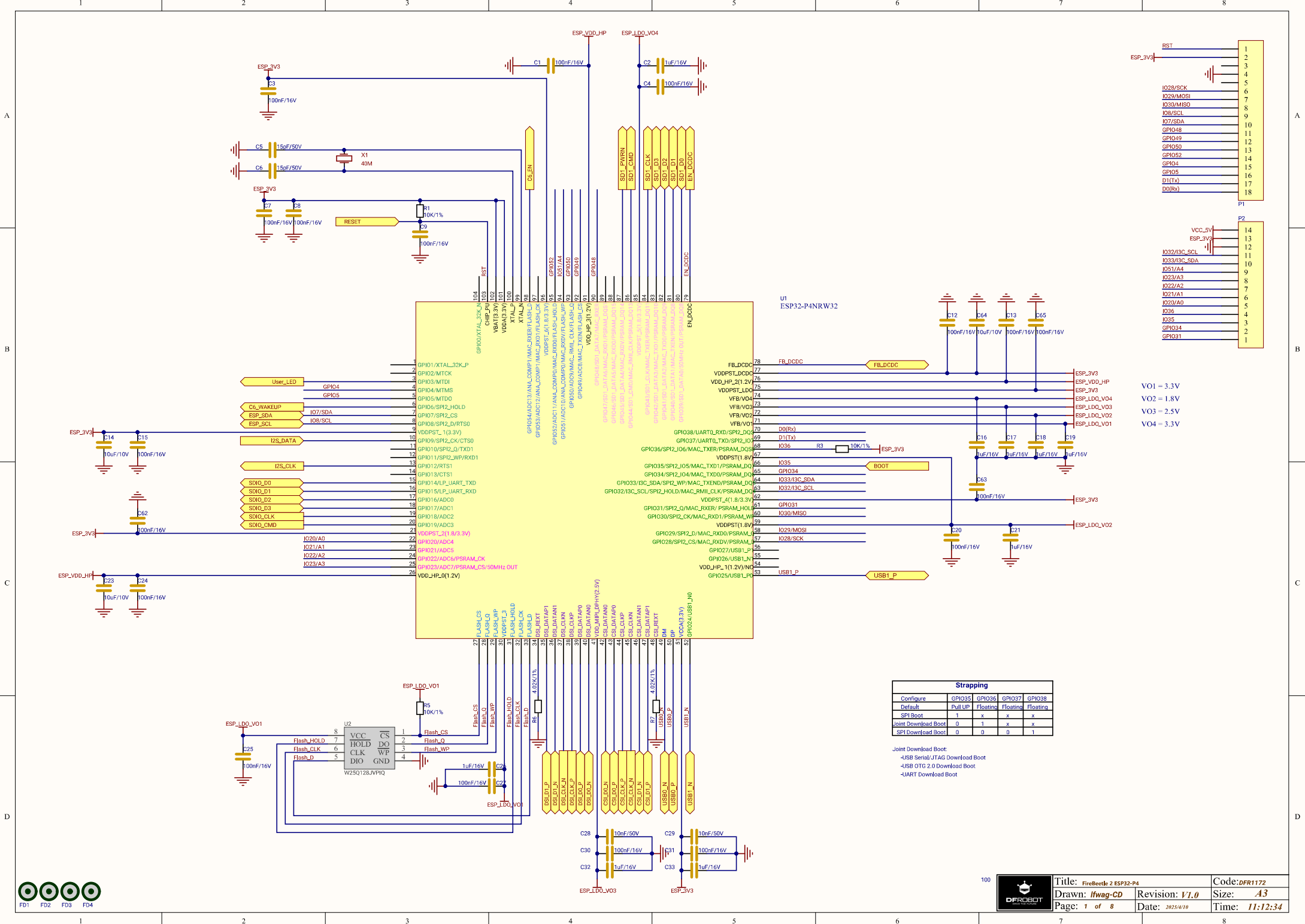
D

A

B

C

D

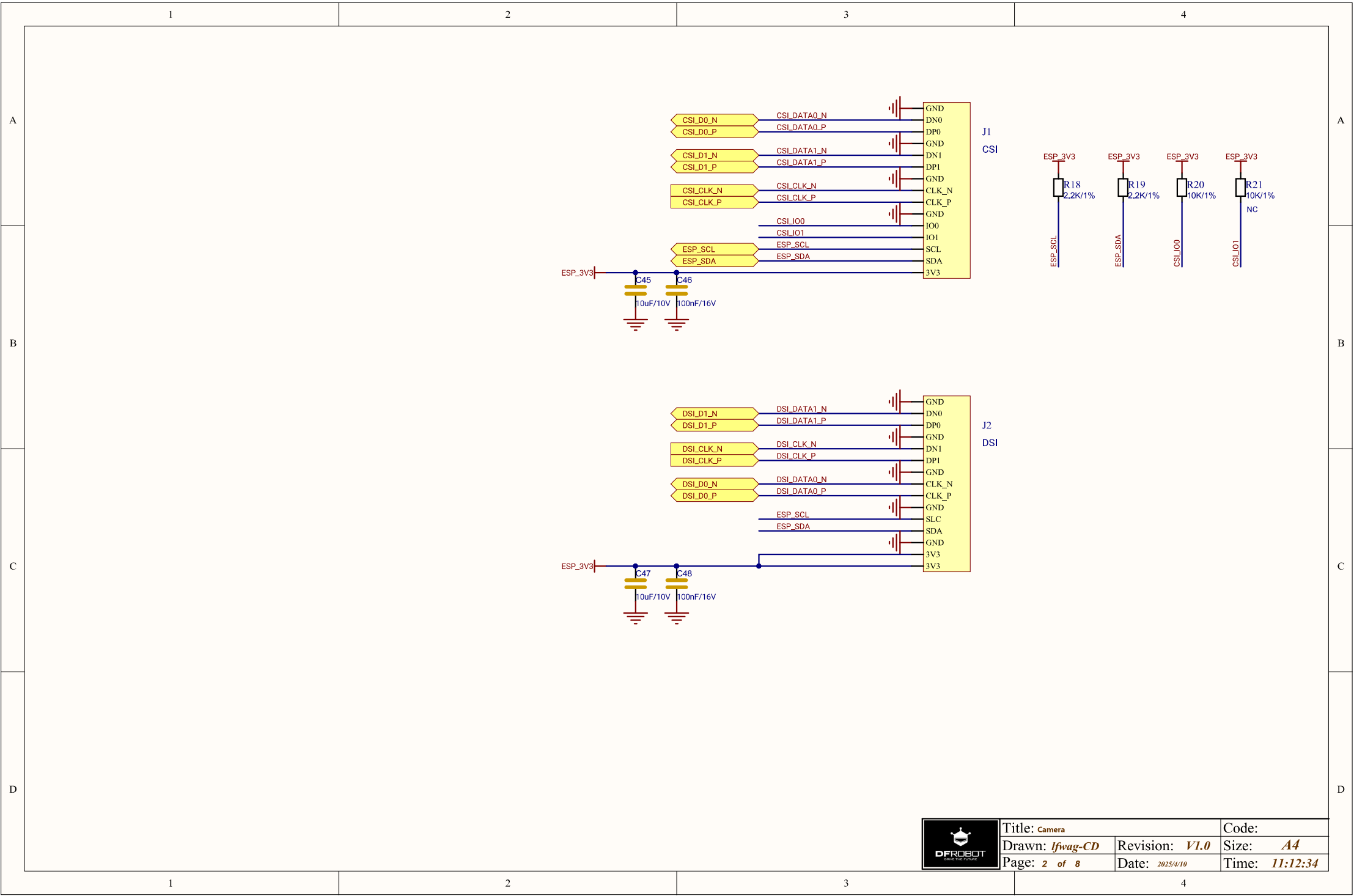


VO1 = 3.3V
VO2 = 1.8V
VO3 = 2.5V
VO4 = 3.3V

Strapping				
Configure	GPIO35	GPIO36	GPIO37	GPIO38
Default	Pull UP	Floating	Floating	Floating
SPI Boot	1	x	x	x
Joint Download Boot	0	1	x	x
SPI Download Boot	0	0	0	1

Joint Download Boot:
-USB Serial/UART Download Boot
-USB OTG 2.0 Download Boot
-UART Download Boot





DFROBOT
CREATE THE FUTURE

Title: Camera

Drawn: lfwag-CD

Page: 2 of 8

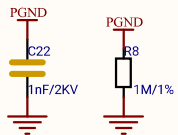
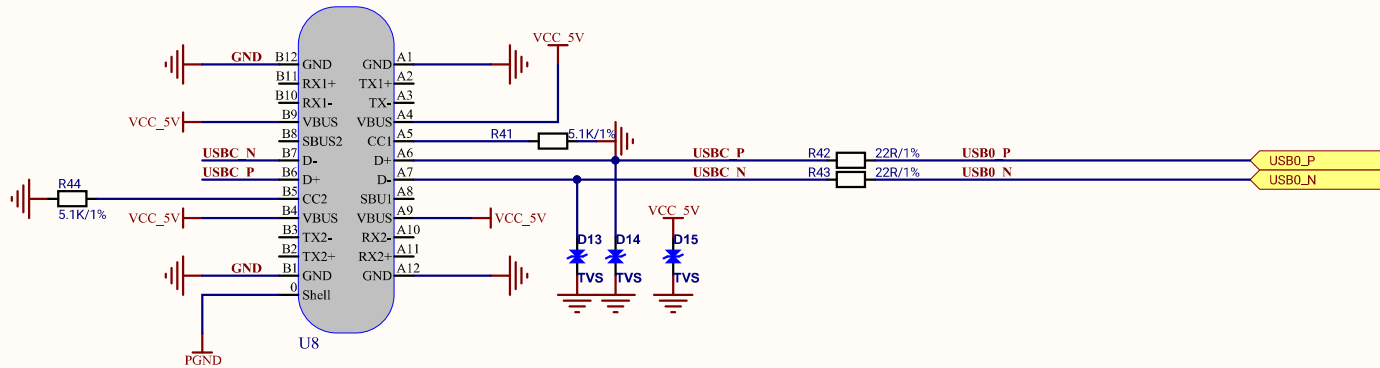
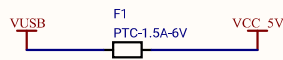
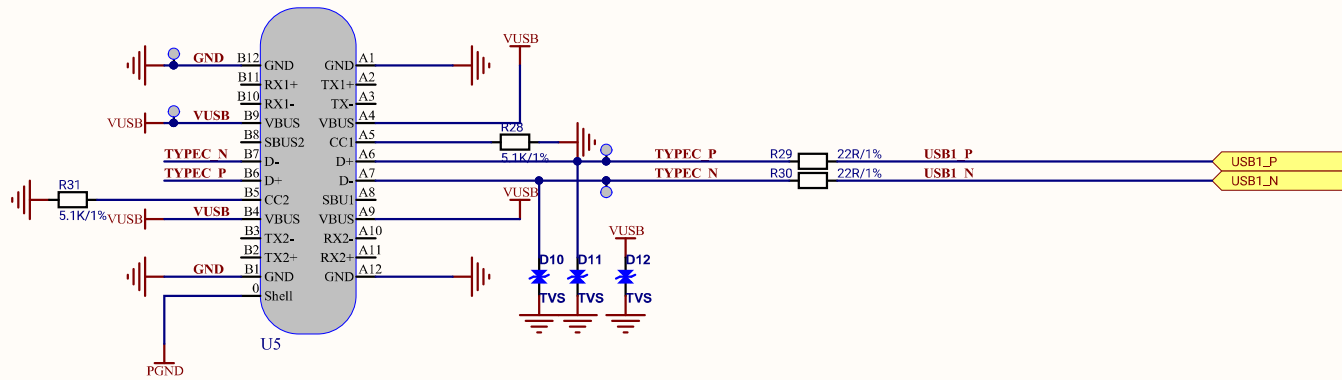
Revision: V1.0

Date: 2025/4/10

Code:

Size: A4

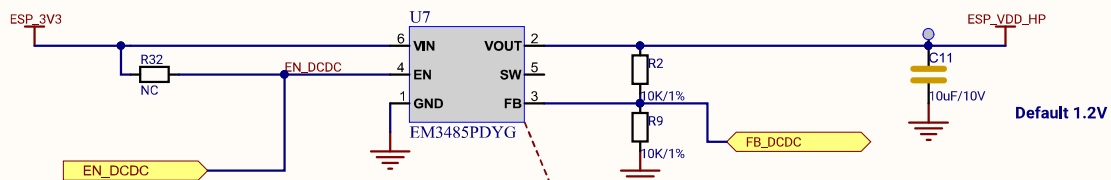
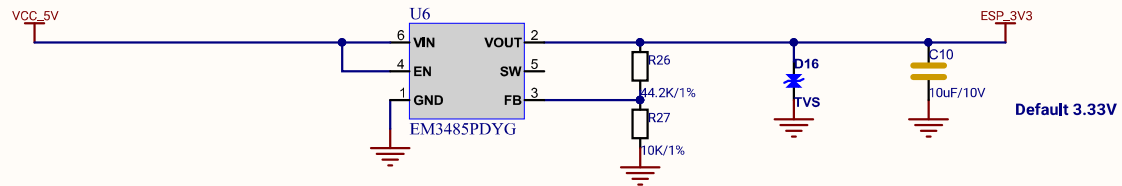
Time: 11:12:34



Title: usb	Revision: V1.0	Code:
Drawn: lfwag-CD	Size: A4	
Page: 3 of 8	Date: 2025/4/10	Time: 11:12:34



Time: 11:12:34



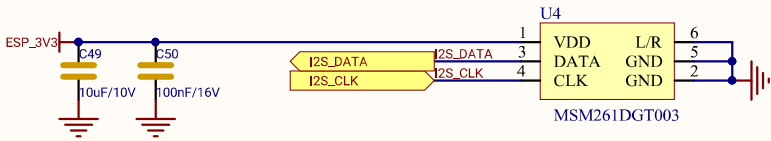
Input Capacitor 10uF
 Input Inductance 2.2uH
 FB=0.6V

$$V_{out} = \left(1 + \frac{R(Top)}{R(Bottom)}\right) \times V(FB)$$

 Iout(max) = 1.5A
 $\Delta(V_{pp}) \leq 50mV$



Title: Power	Code:
Drawn: lfwag-CD	Revision: V1.0
Page: 5 of 8	Size: A4
Date: 2025/4/10	Time: 11:12:34



Title: MIC	Code:
Drawn: lfwag-CD	Revision: V1.0
Page: 6 of 8	Size: A4
Date: 2025/4/10	Time: 11:12:34

1

2

3

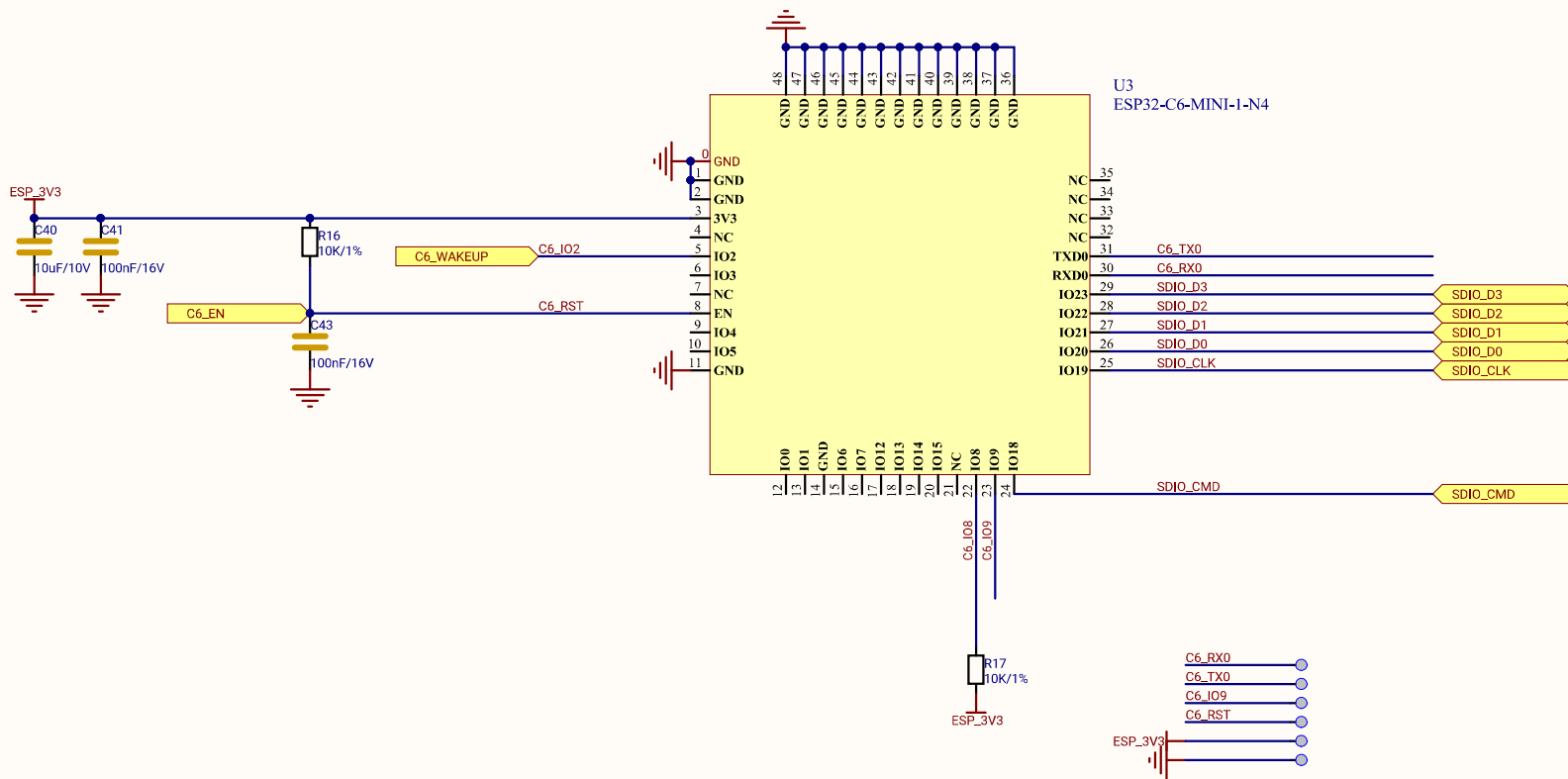
4

A

B

C

D



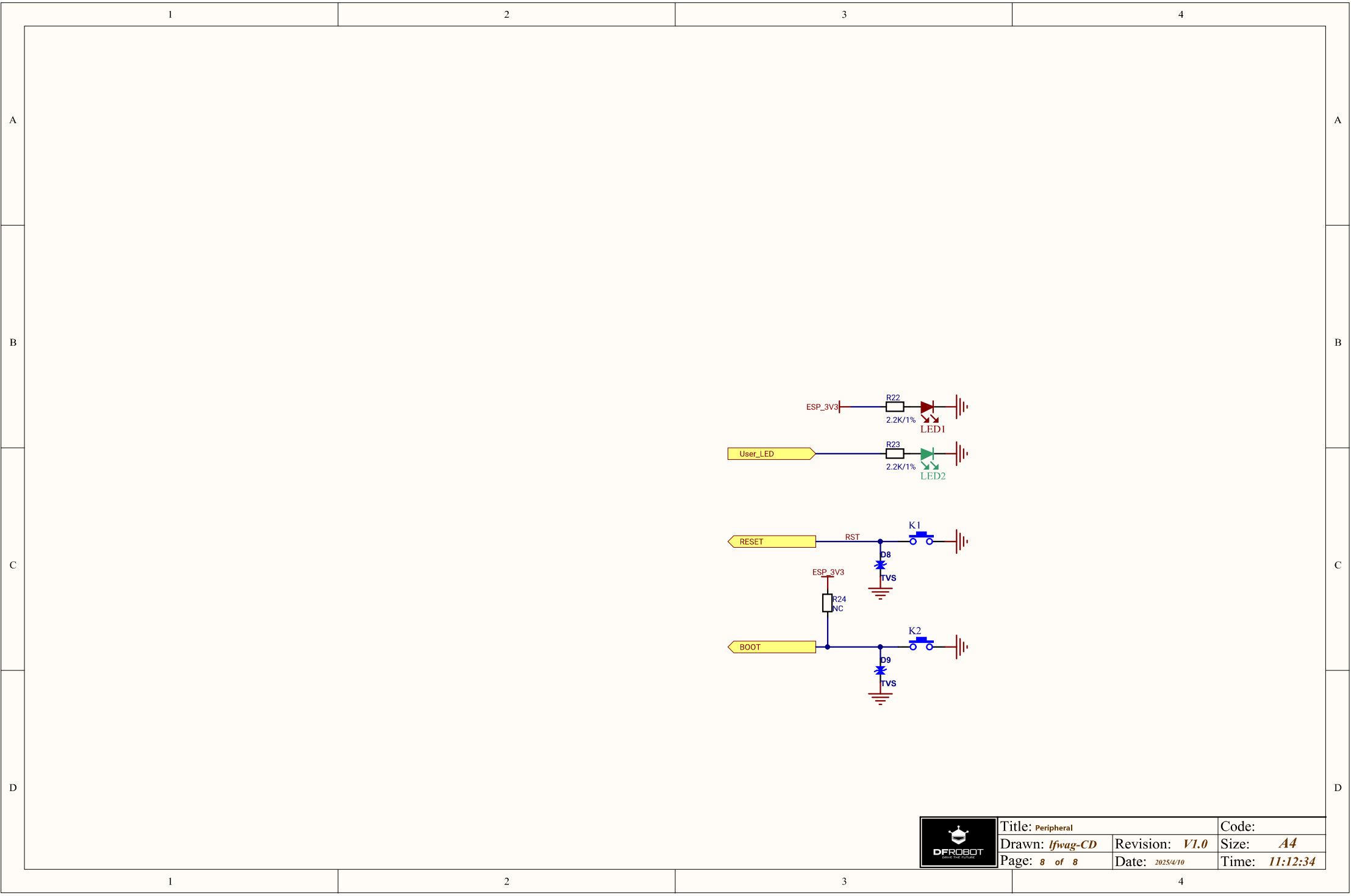
Title: Camera	Revision: V1.0	Code:
Drawn: lfwag-CD	Date: 2025/4/10	Size: A4
Page: 7 of 8		Time: 11:12:34

1

2

3

4



Title: Peripheral	Code:
Drawn: lfwag-CD	Revision: V1.0
Page: 8 of 8	Size: A4
Date: 2025/4/10	Time: 11:12:34