

# ESP32

ESP32-S3-MINI-1U-N4

U2

VDD3V3

10µF C7

100nF C8

IO0

LEDIN

485RXD

485TXD

IO4

IO5

IO6

IO7

IO8

IO9

IO10

IO11

IO12

IO13

IO14

IO15

IO16

IO17

IO18

D-

D+

IO21

IO47

IO33

IO34

IO48

IO35

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

65

GND

64

GND

63

GND

62

GND

61

GND

60

GND

59

GND

58

GND

57

GND

56

GND

55

GND

54

GND

53

GND

52

GND

51

GND

50

GND

49

GND

48

GND

47

GND

46

GND

45

EN

44

IO46

43

IO15

42

GND

IO16

41

IO17

R19

10K/NC

40

IO18

39

IO19

38

IO20

37

IO21

36

IO26

35

IO40

34

IO39

33

IO38

32

IO37

IO36

232RXD

232TXD

IO40

IO39

IO38

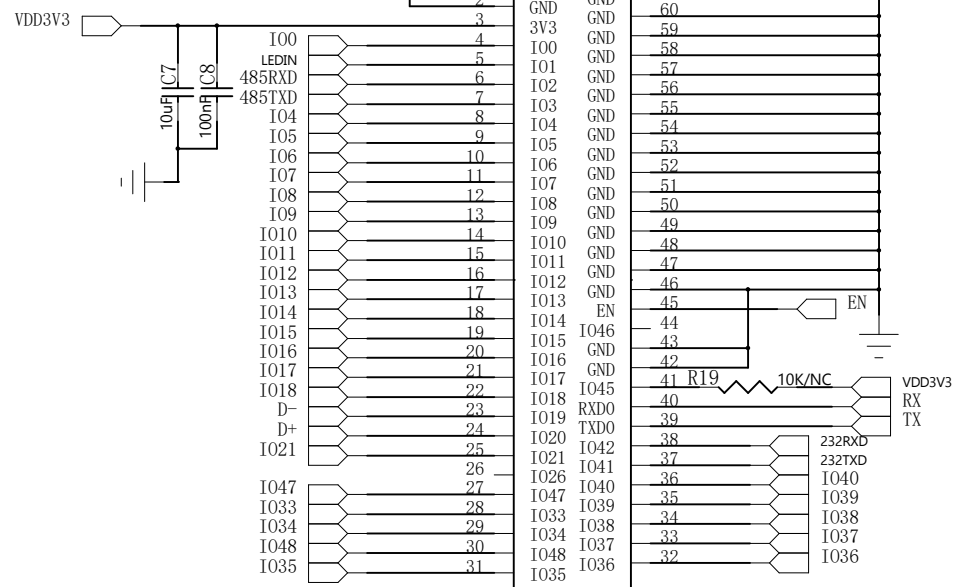
IO37

IO36

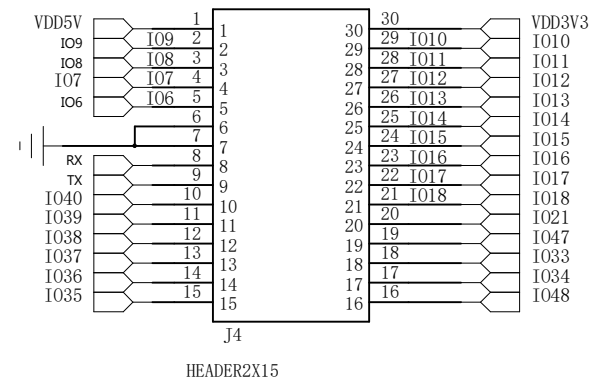
VDD3V3

RX

TX



Pinout diagram for the J4 header (HEADER2X15). The diagram shows a 15-pin header with pins numbered 1 to 15. Pin 1 is VDD5V, pin 2 is IO9, pin 3 is IO8, pin 4 is IO7, pin 5 is IO6, pin 6 is RX, pin 7 is TX, pin 8 is IO40, pin 9 is IO39, pin 10 is IO38, pin 11 is IO37, pin 12 is IO36, pin 13 is IO35, pin 14 is IO34, and pin 15 is IO48. The diagram also shows a 30-pin header with pins numbered 1 to 30. Pins 1 to 15 are connected to the J4 header pins 1 to 15 respectively. Pins 16 to 30 are connected to the J4 header pins 1 to 15 respectively. The diagram also shows a 30-pin header with pins numbered 1 to 30. Pins 1 to 15 are connected to the J4 header pins 1 to 15 respectively. Pins 16 to 30 are connected to the J4 header pins 1 to 15 respectively. The diagram also shows a 30-pin header with pins numbered 1 to 30. Pins 1 to 15 are connected to the J4 header pins 1 to 15 respectively. Pins 16 to 30 are connected to the J4 header pins 1 to 15 respectively.

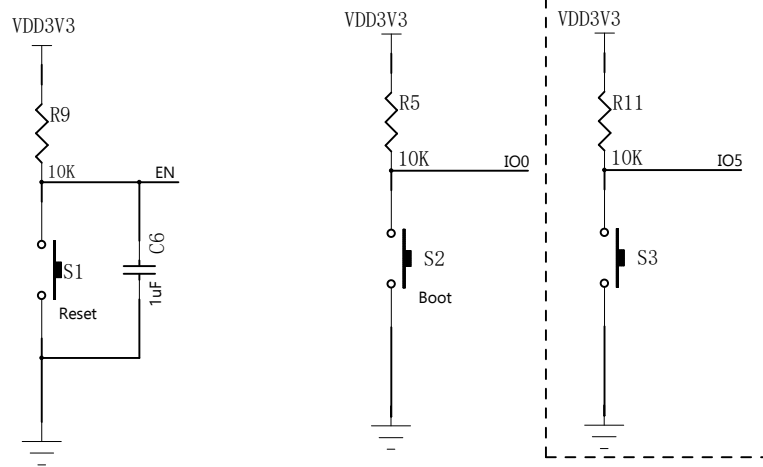


# 按键

Diagram 1: A push button S1 (labeled "Reset") is connected to VDD3V3 through a 10K resistor R9. The other terminal of S1 is connected to ground through a 1uF capacitor C6. The signal output is labeled EN.

Diagram 2: A push button S2 (labeled "Boot") is connected to VDD3V3 through a 10K resistor R5. The other terminal of S2 is connected to ground. The signal output is labeled IO0.

Diagram 3: A push button S3 is connected to VDD3V3 through a 10K resistor R11. The other terminal of S3 is connected to ground. The signal output is labeled IO5.



# LED

LED WS2812C/W

VDD5V | R33 | OR 1 2

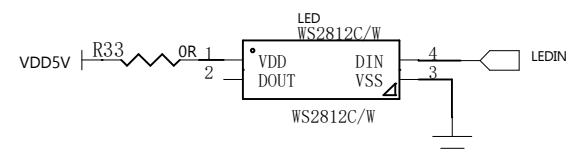
VDD DOUT DIN VSS

LEDIN

WS2812C/W

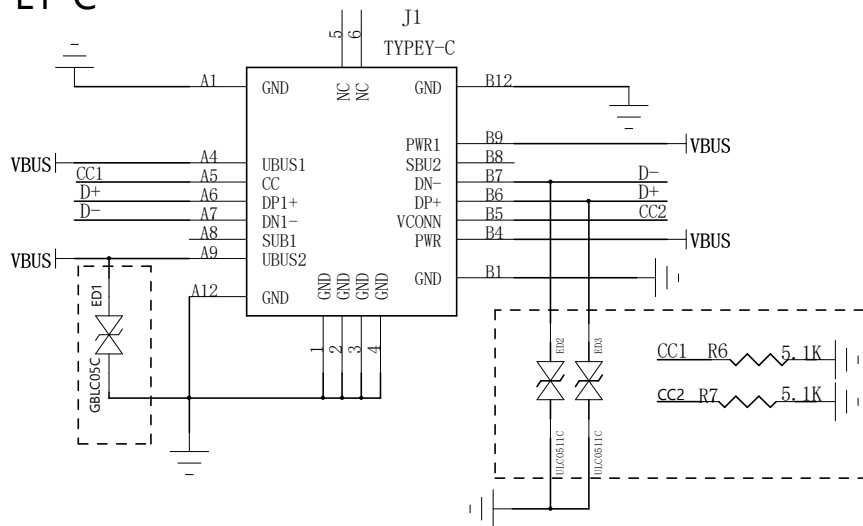
Title		
Size	Number	Revision
Date:		Sheet of
File:		Drawn By:

4 5 6

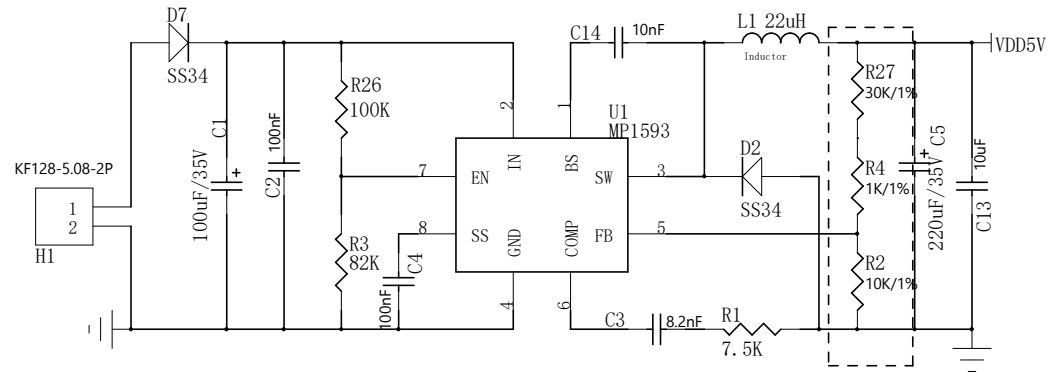


Title		
Size	Number	Revision
Date:	Sheet	of
File:	Drawn By:	

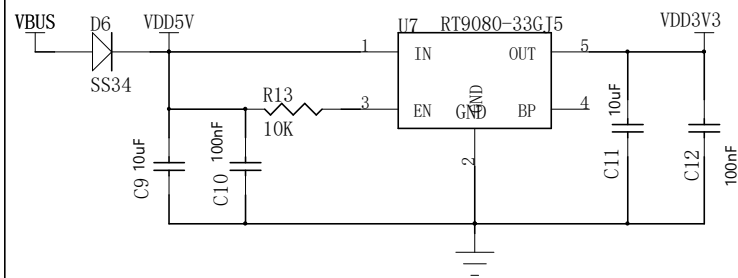
## TYPEY-C



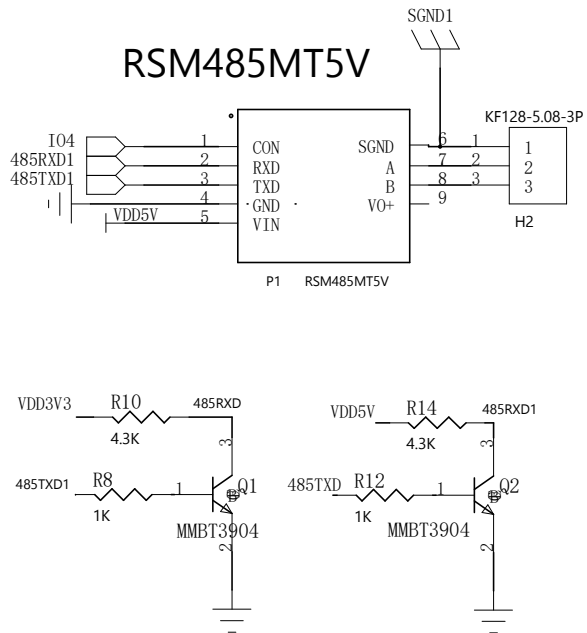
## DC输入7V-24V



稳压3.3V



## RSM485MT5V



## RSM232MT

