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STM32F103VCT6

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FB1

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100ohm 100Mhz

VMCU3V3

VMCU3V3

C7

100nF

C18

100nF

C19

100nF

C4

100nF

C10

100nF

C30

100nF

OSC32IN

OSC32OUT

1

2

32.768Khz

C6

22pF

C8

22pF

GND

GND

EXTALO

XTALO

1

2

3

4

8MHZ

C15

22pF

C9

22pF

Y1

Y1

COMPANY:

Tencent

TITLE:

TC_IOT_DEV_KIT_STM32F103_Ver1

DRAWN:

DATED:

CHECKED:

DATED:

QUALITY CONTROL:

DATED:

RELEASED:

DATED:

CODE:

SIZE:

DRAWING NO:

REV:

<Code>

C

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SCALE: <Scale>

SHEET: 1of 6

6

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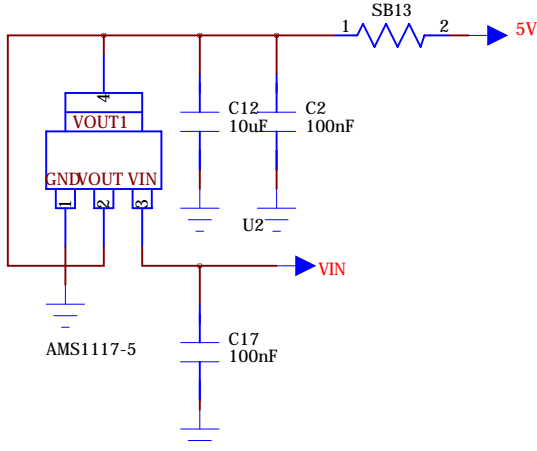
2

1

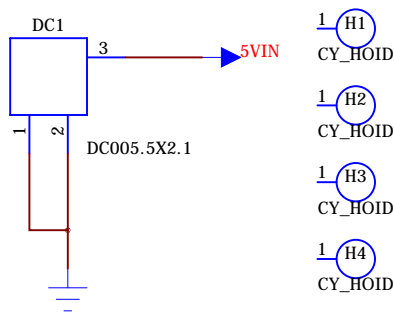
REVISION RECORD

LTR	ECO NO:	APPROVED:	DATE:

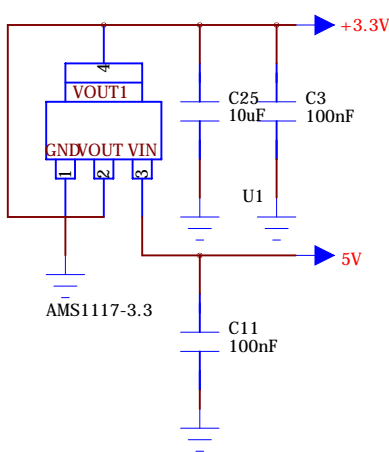
LDO 5V



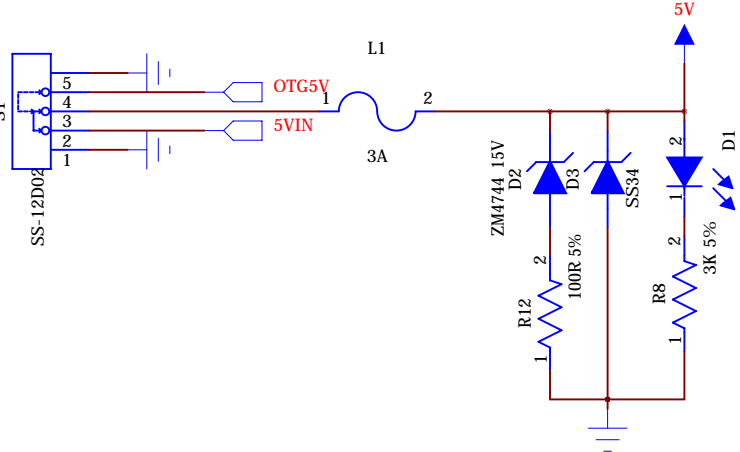
DCIN 5V



LDO 3.3V



POWER SW



COMPANY:

Tencent

TITLE:

TC_IOT_DEV_KIT_STM32F103_Ver1

DRAWN:

DATED:

CHECKED:

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QUALITY CONTROL:

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RELEASED:

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SIZE:

DRAWING NO:

REV:

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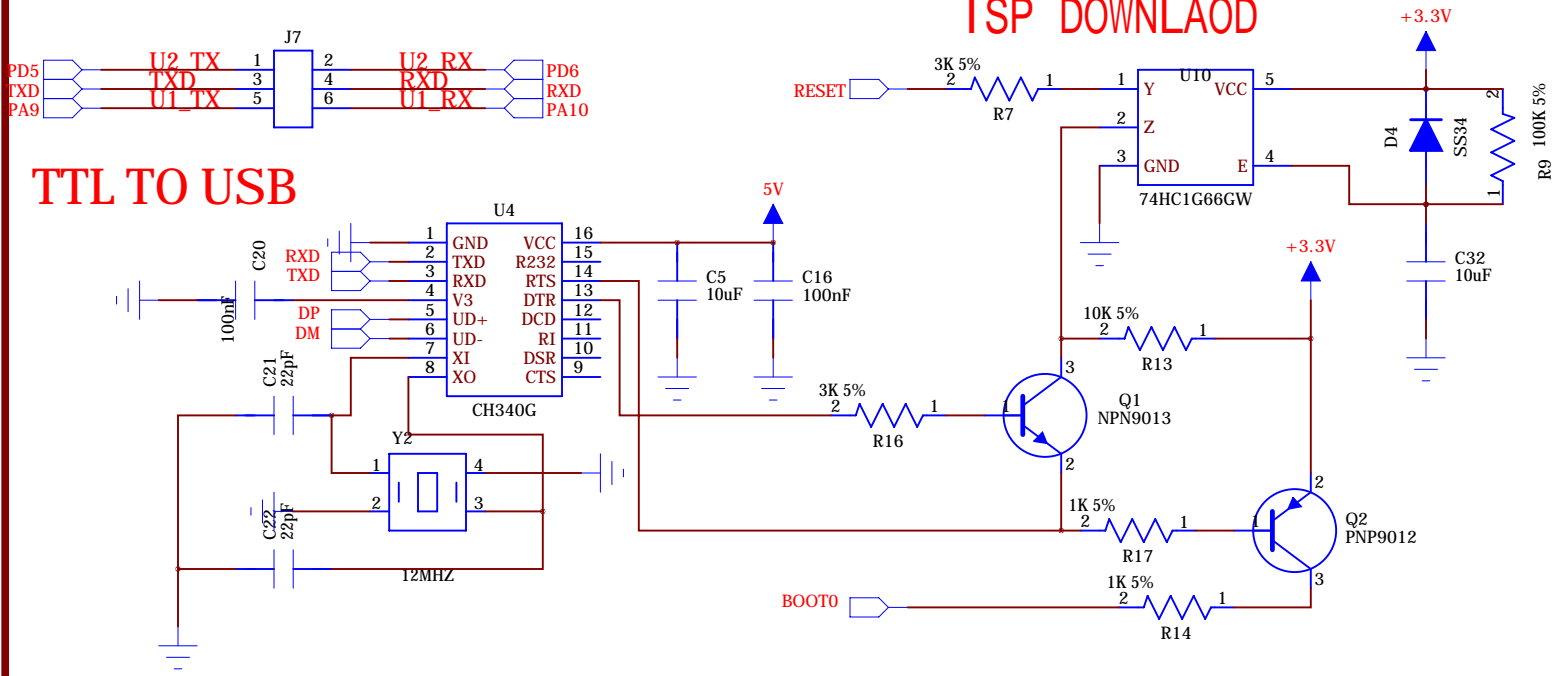
SCALE: <Scale>

SHEET: 2 of 6

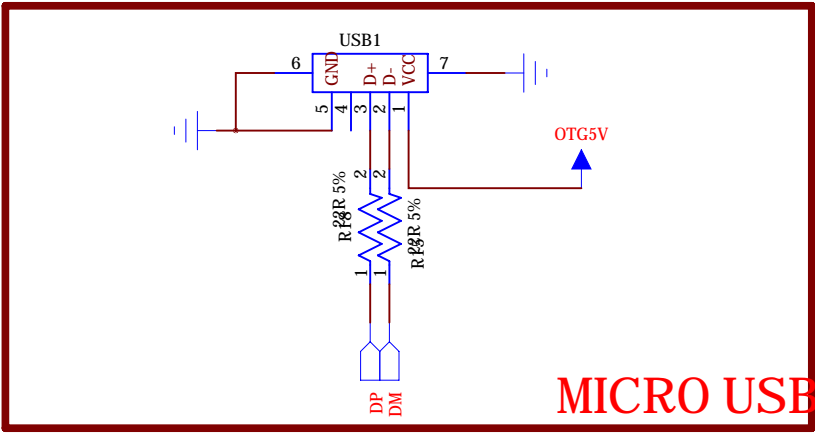
REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

UART SET

U2_TX U2_RX
TXD RXD
U1_TX U1_RX



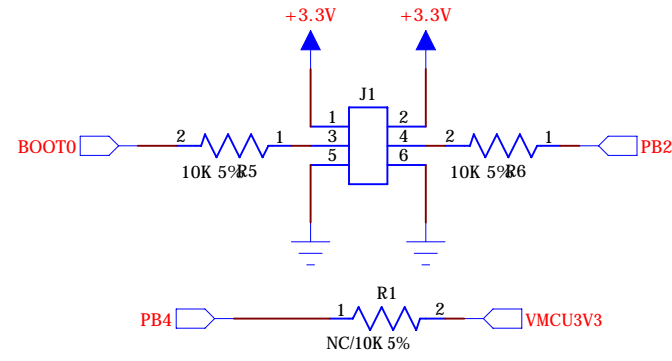
TTL TO USB



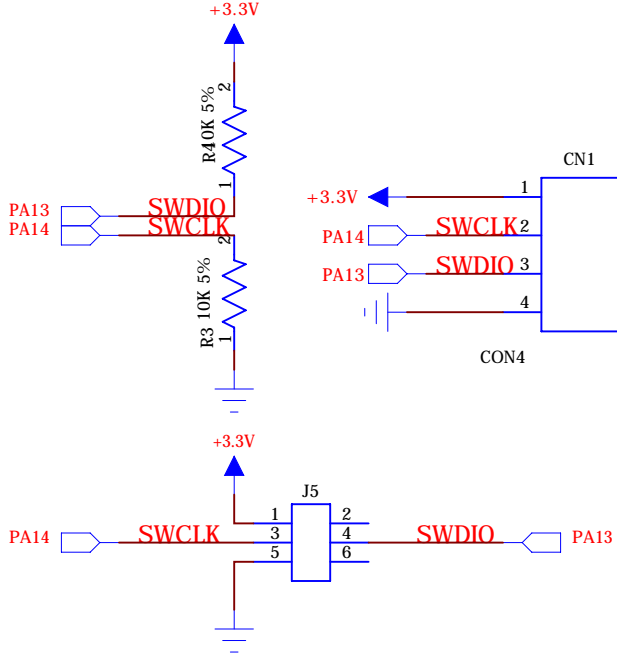
MICRO USB

BOOT SET

BOOT0 BOOT1 Starting Mode
0 X Internal FLASH
1 0 System memory /ISP
1 1 Internal SRAM
The default is internal FLASH,BOOT0/1 Ground



SWD DOWNLOAD



COMPANY:

Tencent

TITLE:

TC_IOT_DEV_KIT_STM32F103_Ver1

DRAWN:

DATED:

CHECKED:

DATED:

QUALITY CONTROL:

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RELEASED:

DATED:

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DRAWING NO:

REV:

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SCALE: <Scale>

SHEET: 3of 6

