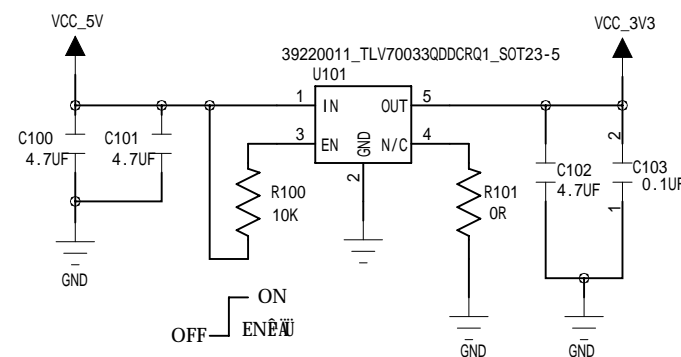


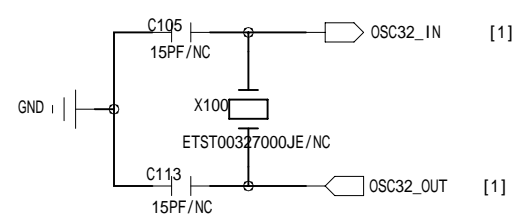
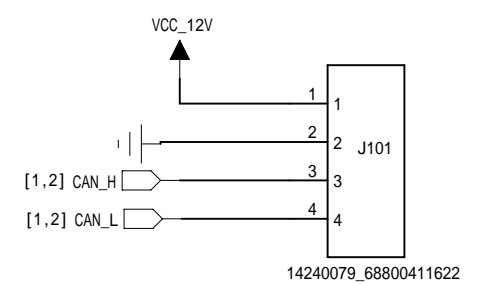
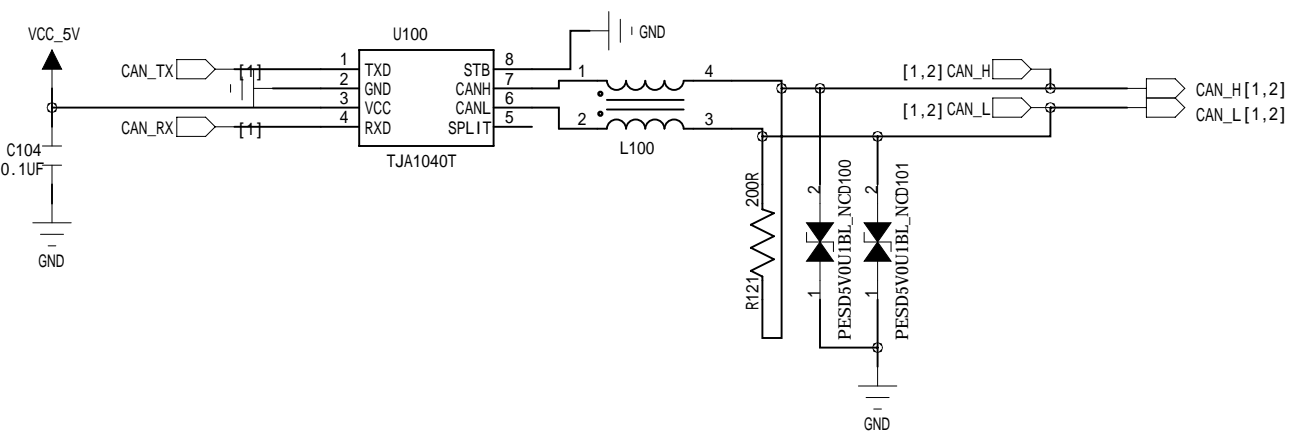
1. 删除替换

POWER: 12V \times 5V

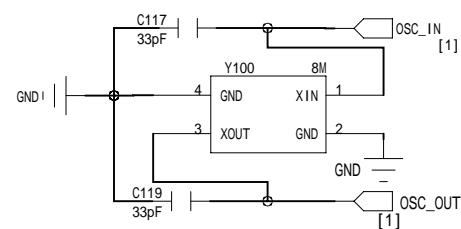
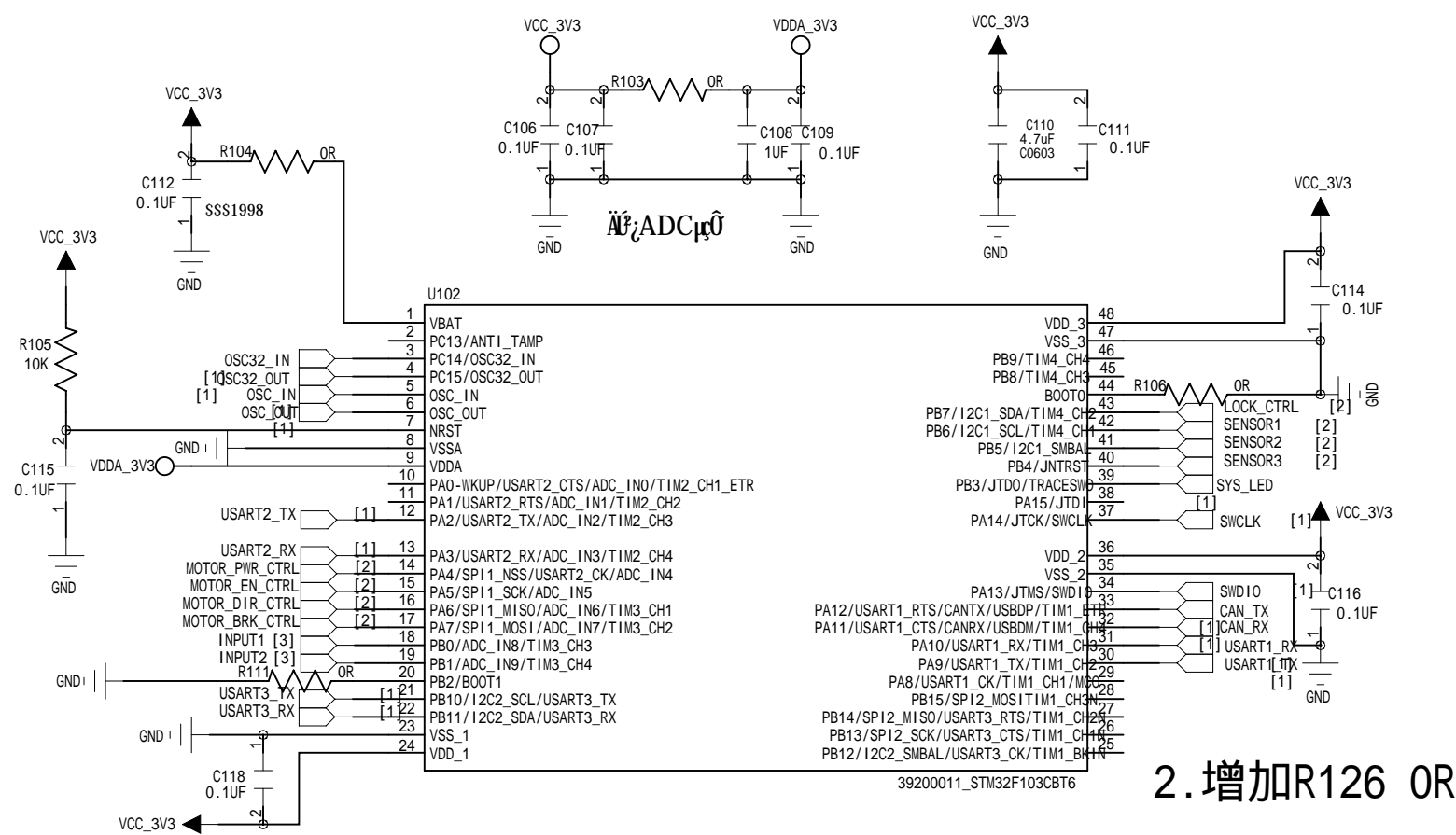
Input Voltage Range V_{IN} 2.5V to 16V
 $V_{OUT} = 1.235V \times [1 + R1/R2] = 1.235V \times [1 + 39K/13K] = 4.94V$ f°



POWER: 5V×3.3V



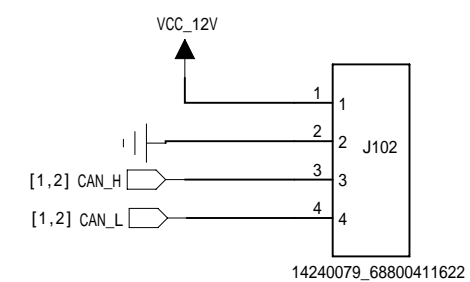
32.768KÍâ²;Ê±ÖÊaÊe


$$8M^3\tilde{\phi}$$


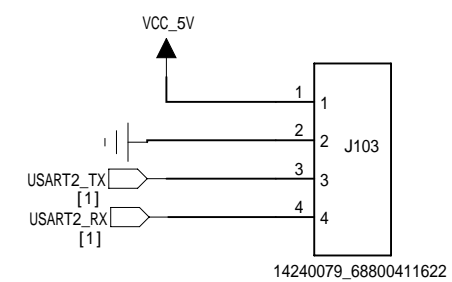
MCU属性已更改为STM32F103CBT6-39200011

MCU_μY⁰

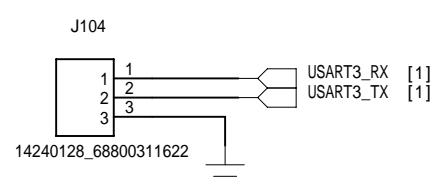
2. 增加R126 OR



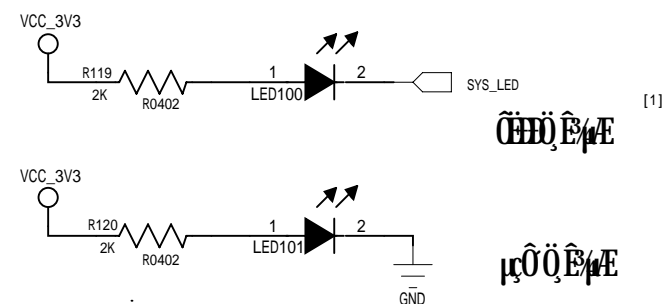
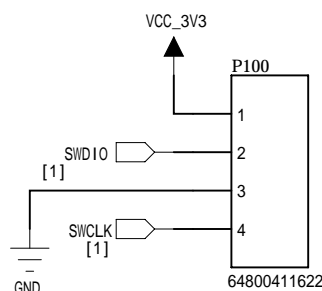
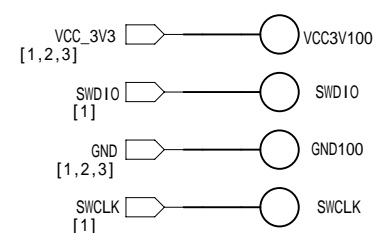
ÔÁCAN 1/2 Ú



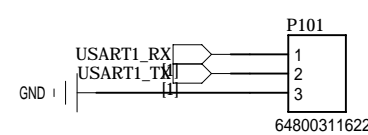
Á. E. A. 16



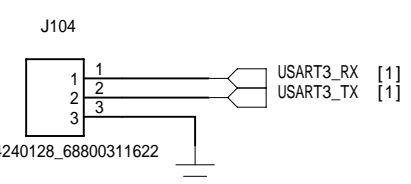
¶ Á: Euar¹ Q¹ U

 $\tilde{O}(\log n)$ [1]
$$\mu \hat{O} \hat{O}^\dagger E / E$$
SWD_{μ:ÊÔÚ}
$$\hat{O} \hat{A}^2 \hat{a} \hat{E} \hat{Q} \hat{a}$$

2. BOTTOM 1/4" 2.54mm



UARTµC/Q



¶ Á: Euar¹ Q¹ U

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

DRAWN: <Homwee>	DATED: <2017.09.25>
CHECKED: <Checked By>	DATED: <Checked Date>
QUALITY CONTROL: <QC By>	DATED: <QC Date>
RELEASED: <Released By>	DATED: <Release Date>

COMPANY:		<WWW.MROBOT.CN>	
TITLE:		<Noah_USSensor_V1.1>	
CODE:	SIZE:	DRAWING NO:	REV:
<Code>	C	V3.0	v3.0
SCALE: <Scale>		SHEET: 1 of 3	

[illegible]

MOTOR CONTROL

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

MOTOR_EN

VCC_3V3

SS34

D208

Q203

1K R217

33K R218

GND

0.1uF C208

U202 HFD23

MOTOR_EN_CTRL [1]

DRIVE_EN

DRIVE_COM [2]

MOTOR_BRK

VCC_3V3

SS34

D210

Q205

1K R221

33K R222

GND

0.1uF C210

U204 HFD23

MOTOR_BRK_CTRL [1]

DRIVE_BRK

DRIVE_COM [2]

MOTOR_DIR

VCC_3V3

SS34

D209

Q204

1K R219

33K R220

GND

0.1uF C209

U203 HFD23

MOTOR_DIR_CTRL [1]

DRIVE_DIR

DRIVE_COM [2]

P207

DRIVE_EN

DRIVE_DIR

DRIVE_BRK

DRIVE_COM [2]

14240079_68800411622

MOTOR_PWR

LIGHT DETECT

LOCK CONTROL

The diagram illustrates a lock control circuit. A 12V supply (VCC_12V) is connected to the VIN pin (1) of the TPS22810DBV (U161). The GND pin (2) is connected to ground. The EN pin (3) is connected to the LOCK_CTRL [1] signal through a 10k resistor (R223) and to ground through a 10k resistor (R224). The VOUT pin (6) is connected to a 330R resistor (R208) and to the anode of a diode (D211). The cathode of the diode is connected to ground through a 0.1uF capacitor (C212). The diode is also connected to a 22uF capacitor (C211) and to a 12V source (P208).

COMPANY: Mrobot			
TITLE: Noah_USSensor_V3.0			
CODE: <Code>	SIZE: C	DRAWING NO: V3.0	REV: v3.0
SCALE: <Scale>		SHEET: 2 OF 3	

