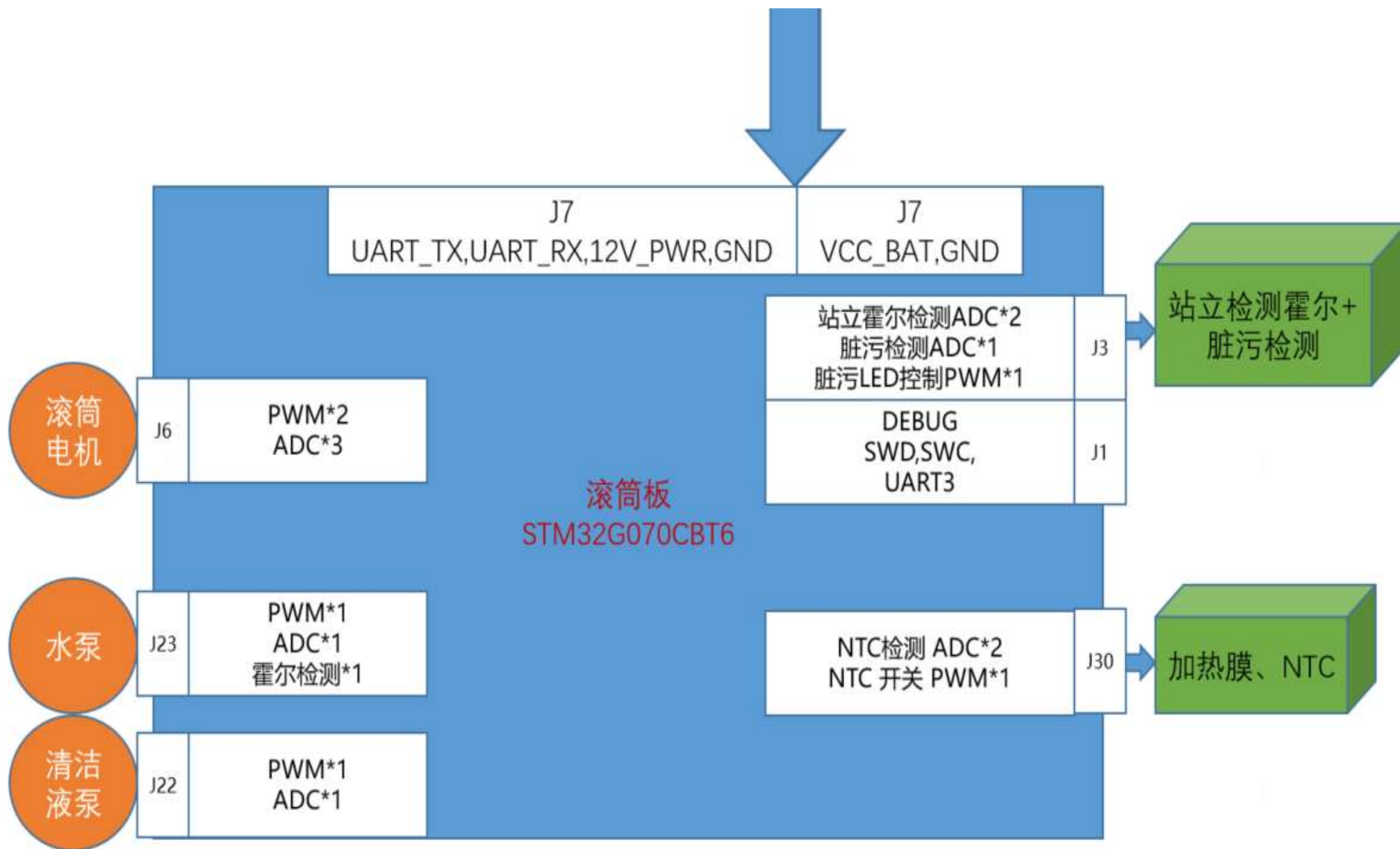
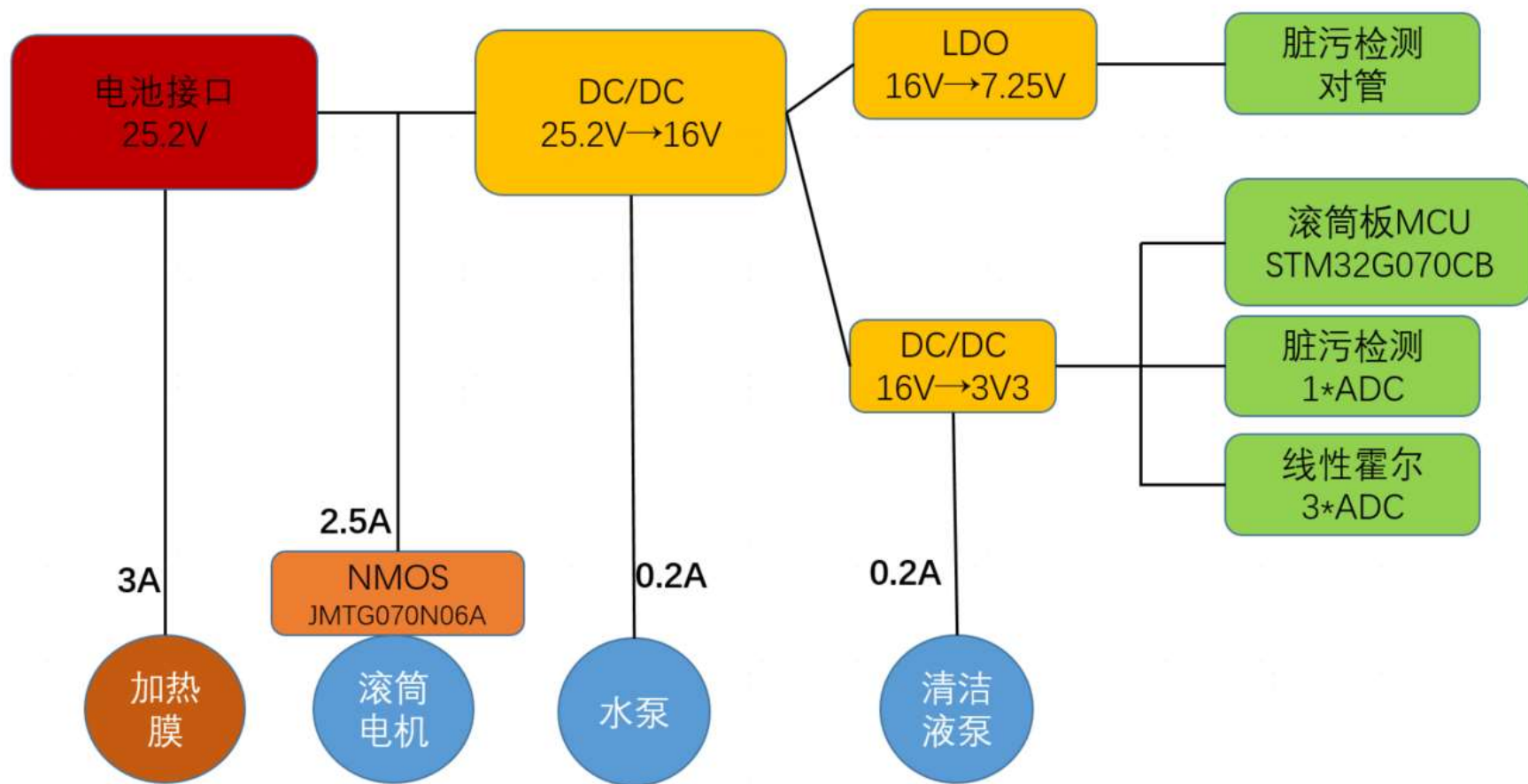
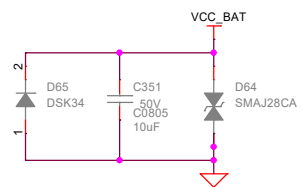
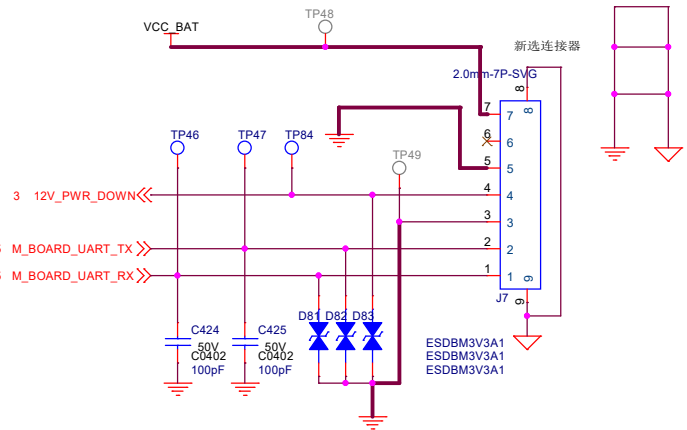


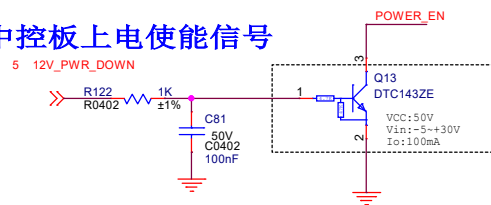




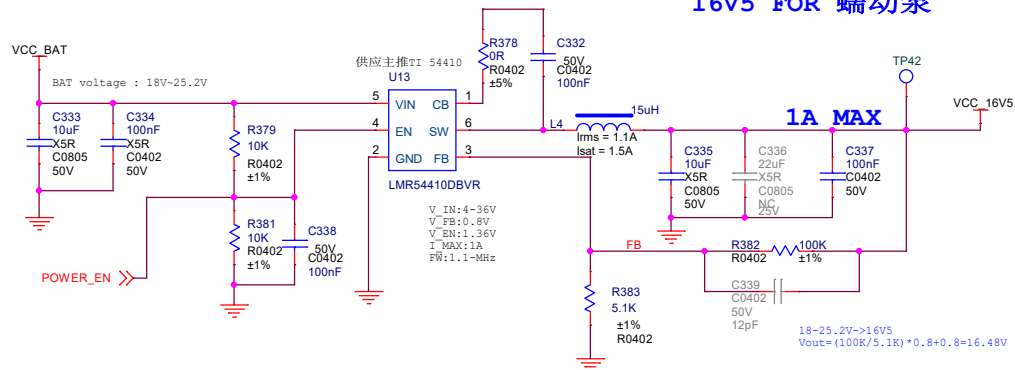
TO中控板电源 (PIN1~3)  
TO中控板信号 (PIN4~7)



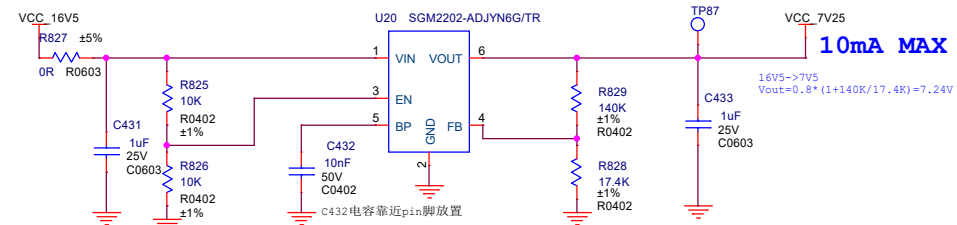
## 中控板上电使能信号



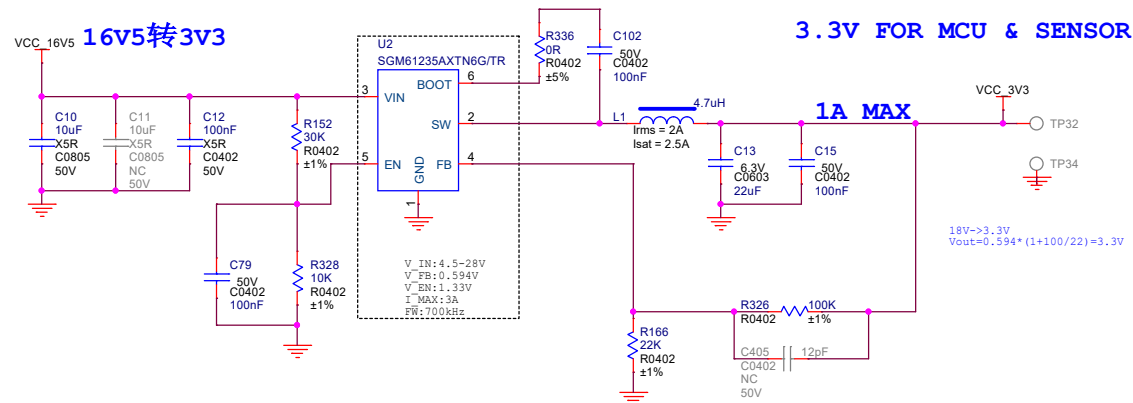
## 16V5 FOR 蠕动泵



### 新增7.25v供电给脏污对管

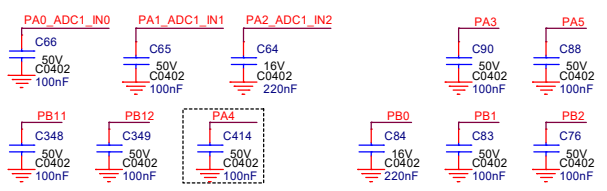
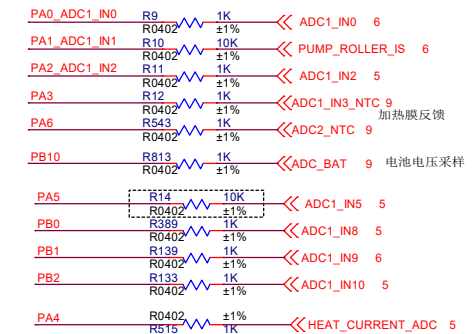
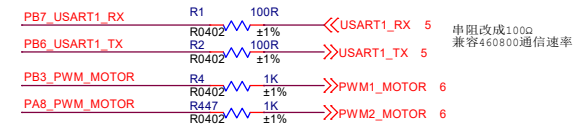
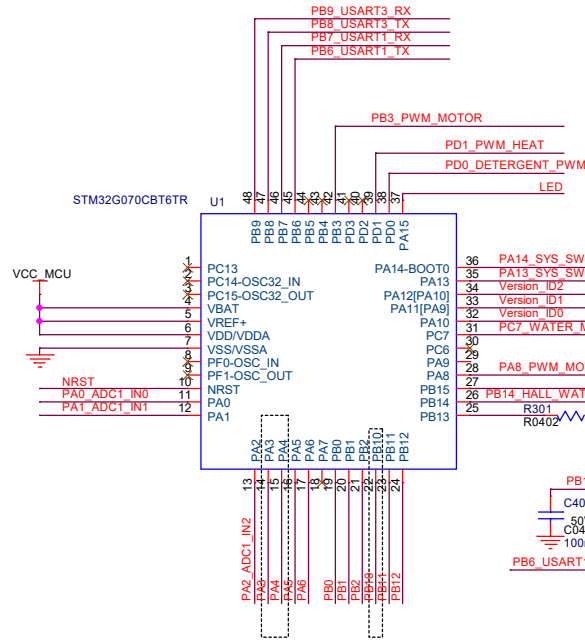
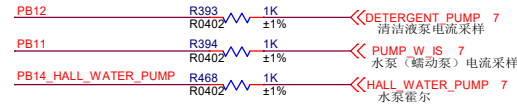
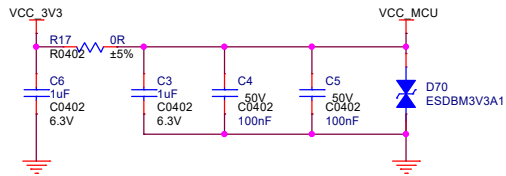


## 16V5转3V3



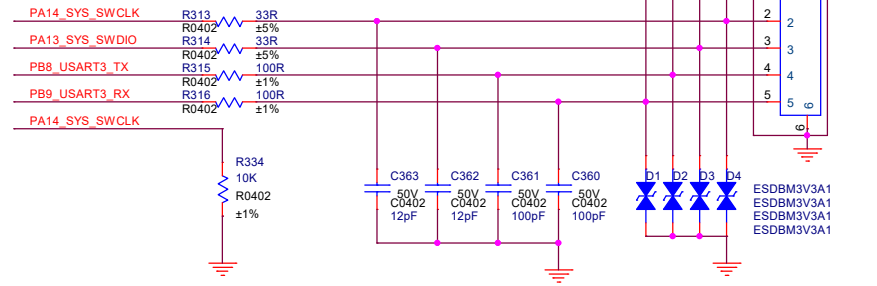
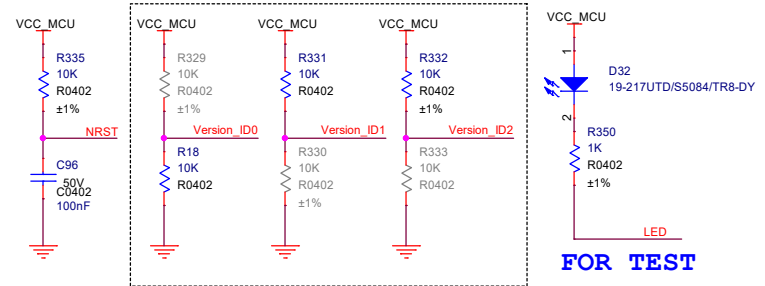
### 3.3V FOR MCU & SENSOR

|           |                              |  |              |        |
|-----------|------------------------------|--|--------------|--------|
| NARWAL 云鲸 |                              |  |              |        |
| Title     |                              |  | Author       |        |
| 03_POWER  |                              |  | Huang Zhenyu |        |
| Size      | Document Number              |  | Rev          |        |
| A3        | IP2103_RB03_V3               |  | V3           |        |
| Date:     | Wednesday, December 20, 2023 |  | Sheet        | 3 of 8 |



RC近MCU放置

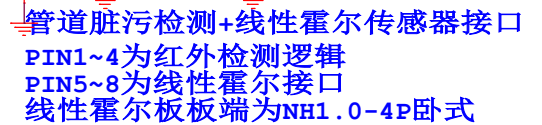
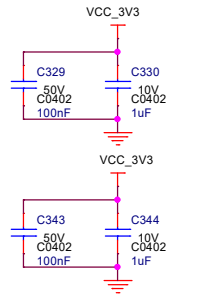
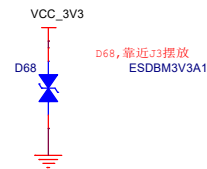
DBG UART3

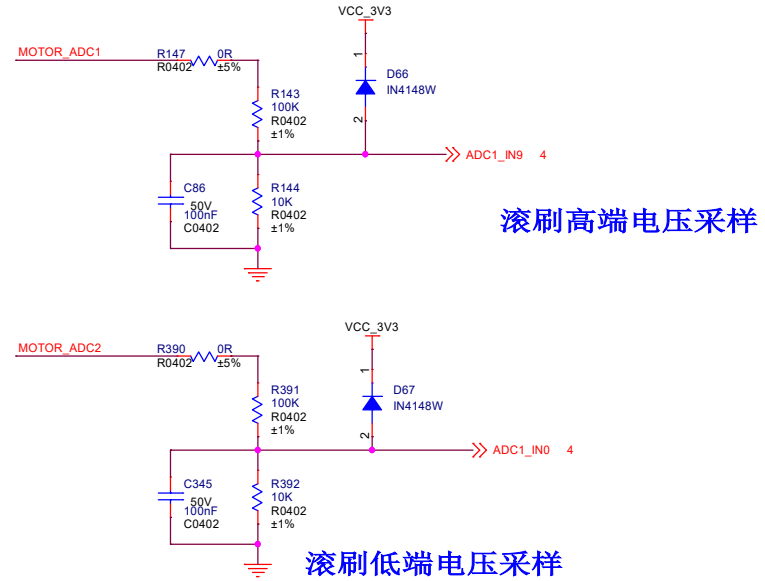
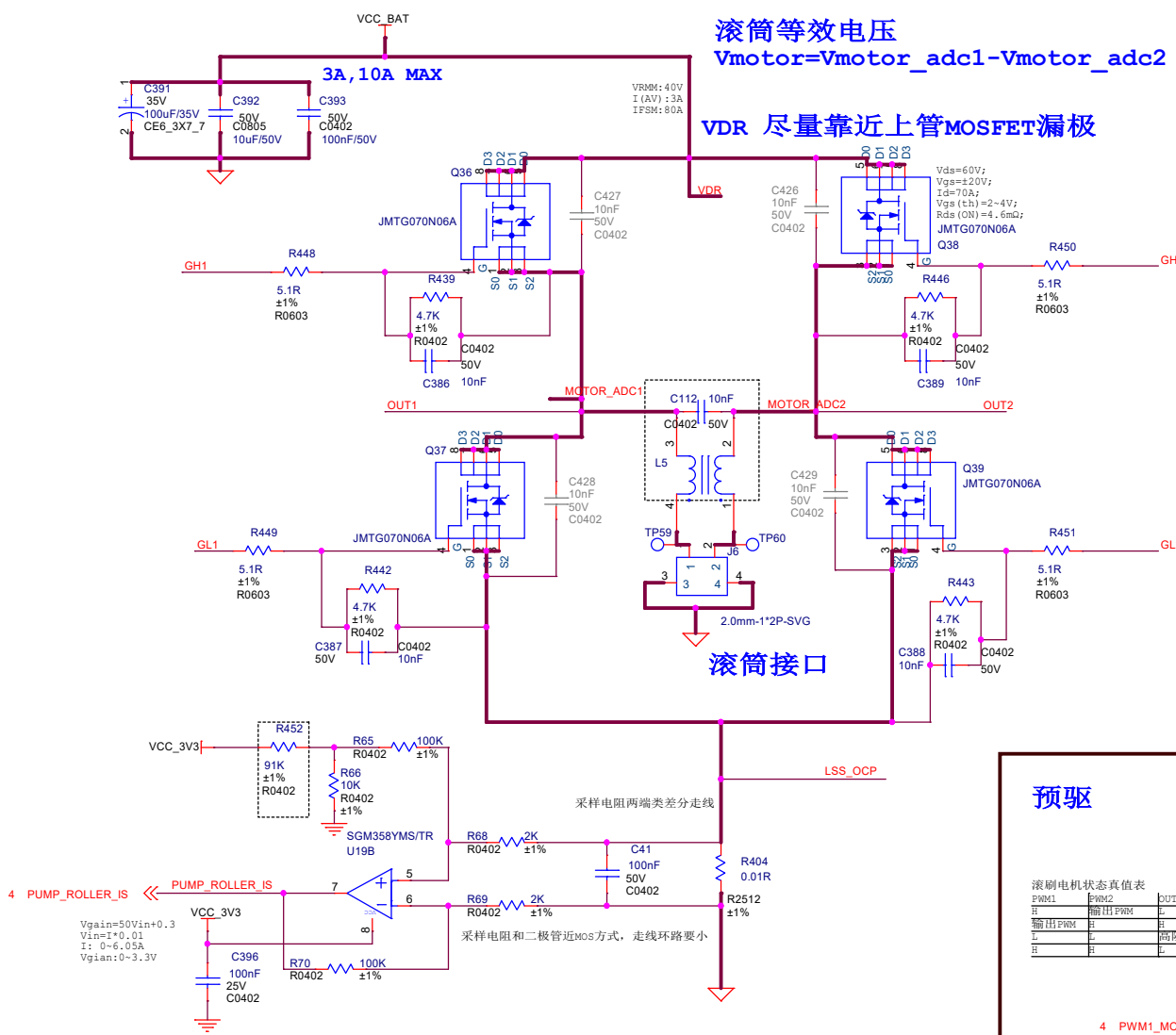


| 版本 | ID2 | ID1 | ID0 |
|----|-----|-----|-----|
| V2 | 0   | 1   | 1   |

感知区分固件需求，

| NARVAL 云鲸 |  |  | Author                       |
|-----------|--|--|------------------------------|
| Title     |  |  | Huang Zhenyu                 |
| Size      |  |  | Rev                          |
| Custom    |  |  | V3                           |
| Date:     |  |  | Wednesday, December 20, 2023 |
| Sheet     |  |  | 4 of 8                       |





预驱

滚刷电机状态真值表

| PWM1 | PWM2 | OUT1 | OUT2 | 描述                     |
|------|------|------|------|------------------------|
| H    | H    | L    | H    | 正向 (OUT2->OUT1)        |
| H    | L    | H    | L    | 反向 (OUT1->OUT2)        |
| L    | L    | 高阻   | 高阻   | Fast decay (持续1ms进入休眠) |
| L    | H    | L    | L    | Slow decay             |

滚刷电机PWM

