

MCU

GD32F402ZE

电流/电压采样

电机驱动

M1: 左行走电机

M2: 右行走电机

M3: 调节推杆1

有刷推杆功率约300W

M4: 调节推杆2

电机NTC

传感检测

M1&M2霍尔

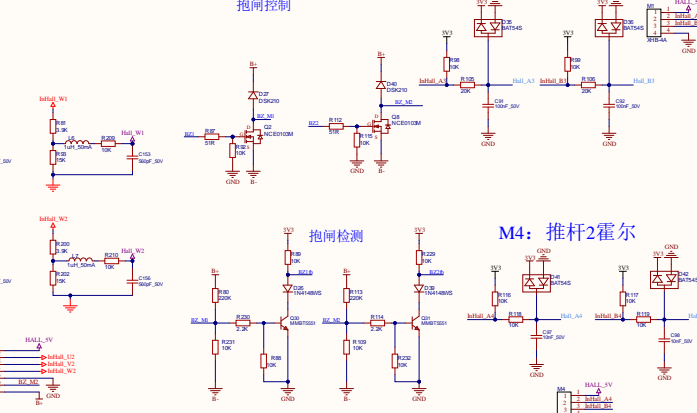
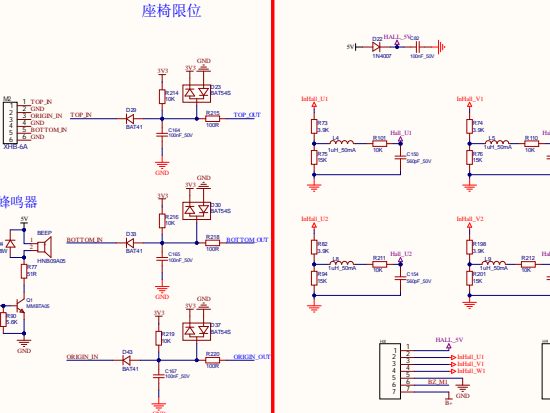
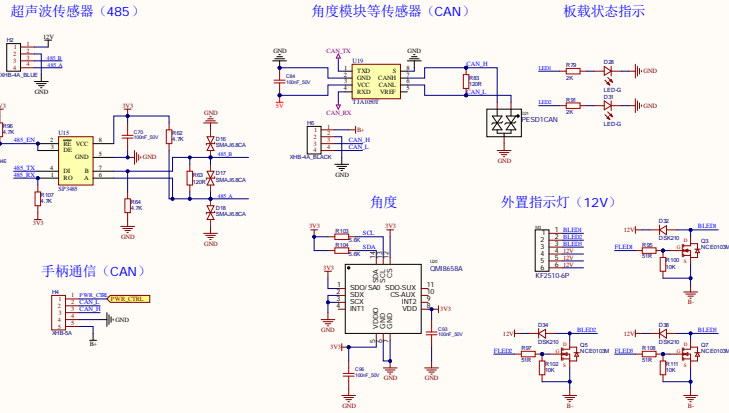
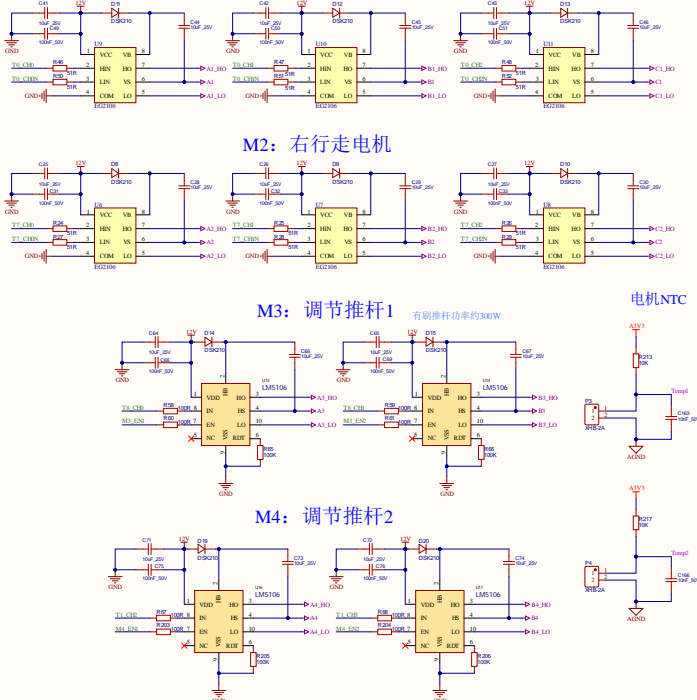
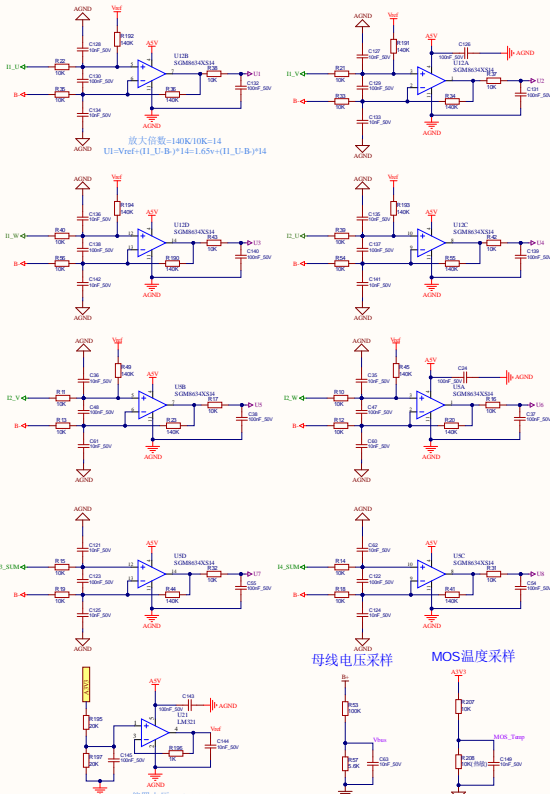
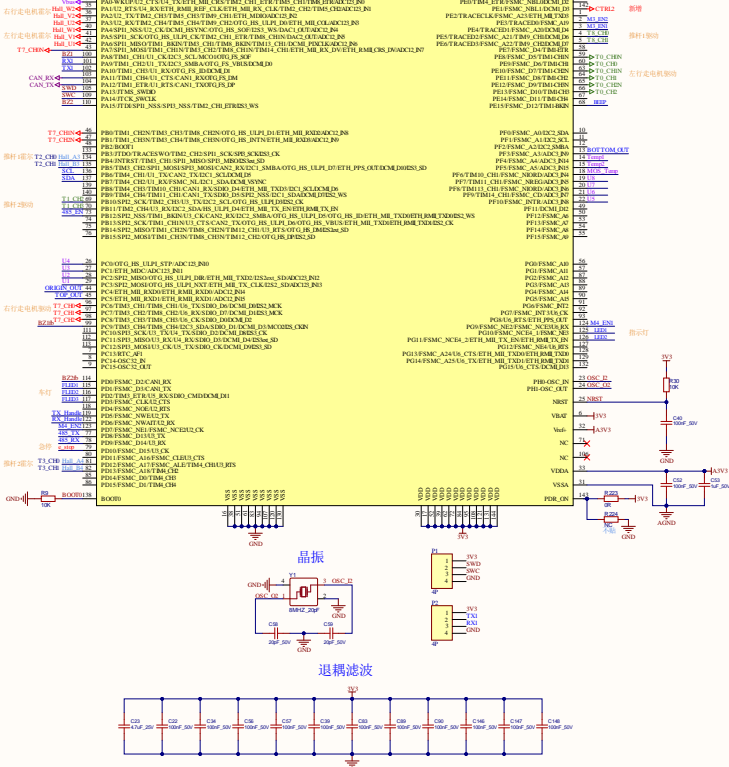
M1&M2抱闸

抱闸控制

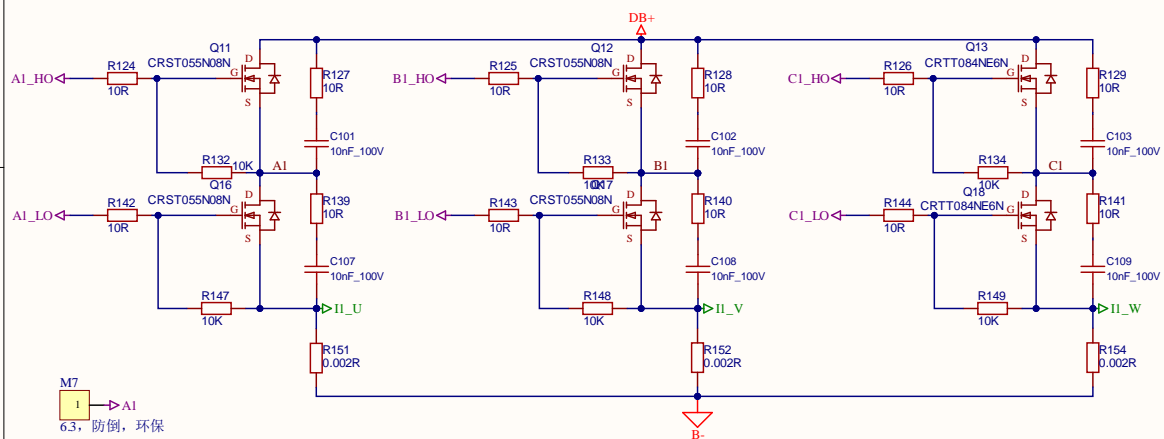
M3: 推杆1霍尔

抱闸检测

M4: 推杆2霍尔

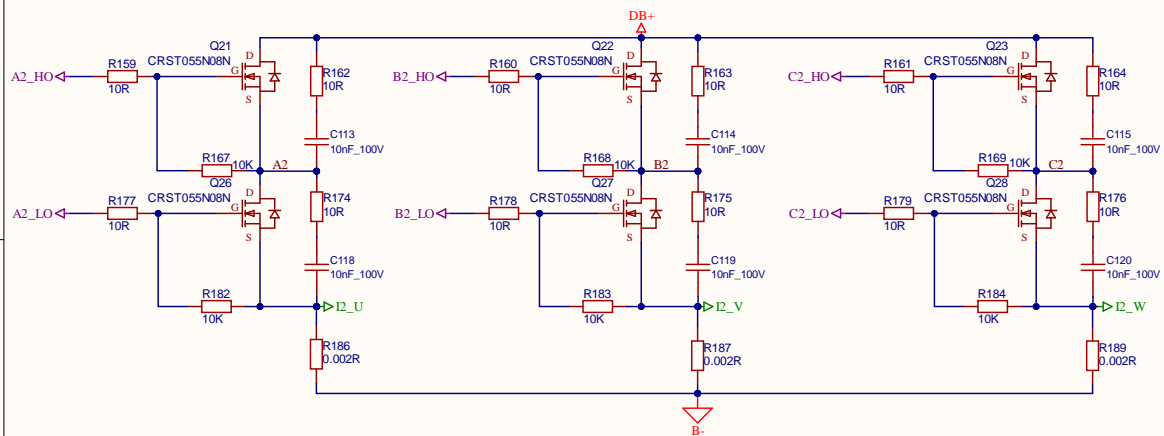


M1: 左行走电机

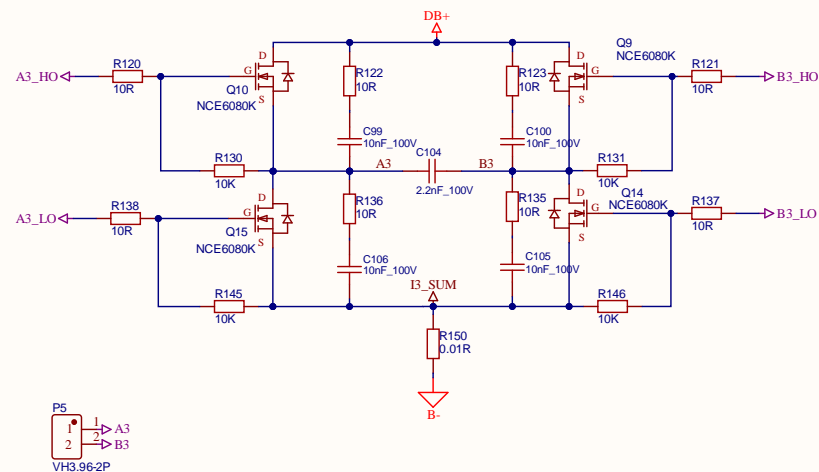


- M7 1 → A1
6.3, 防倒, 环保
- M8 1 → B1
6.3, 防倒, 环保
- M9 1 → C1
6.3, 防倒, 环保

M2: 右行走电机

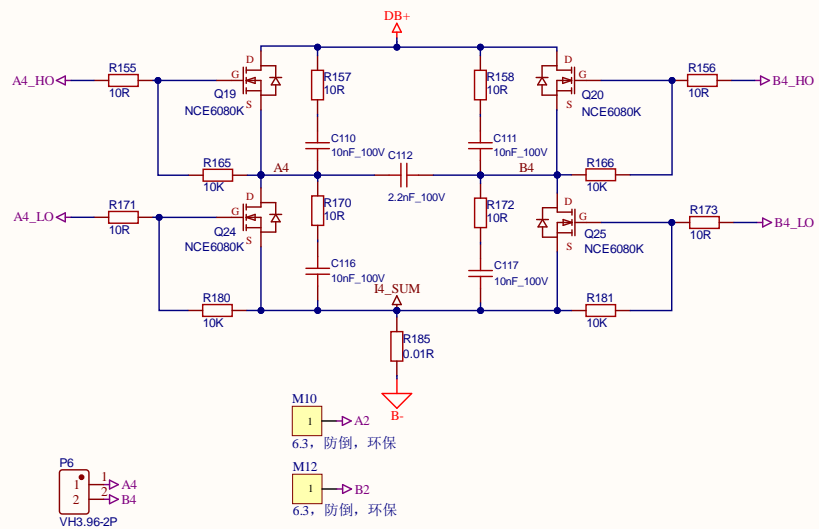


M3: 调节推杆1



- P5 1 → A3
2 → B3
VH3.96-2P

M4: 调节推杆2

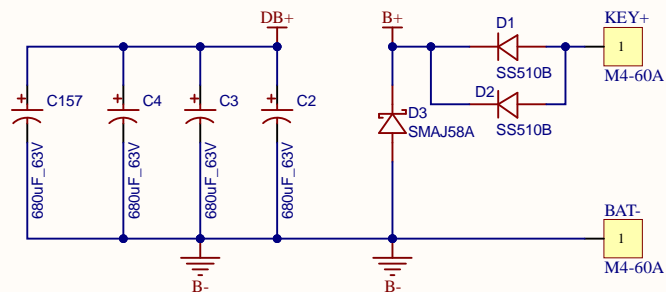


- M10 1 → A2
6.3, 防倒, 环保
- M12 1 → B2
6.3, 防倒, 环保
- M14 1 → C2
6.3, 防倒, 环保

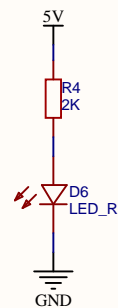
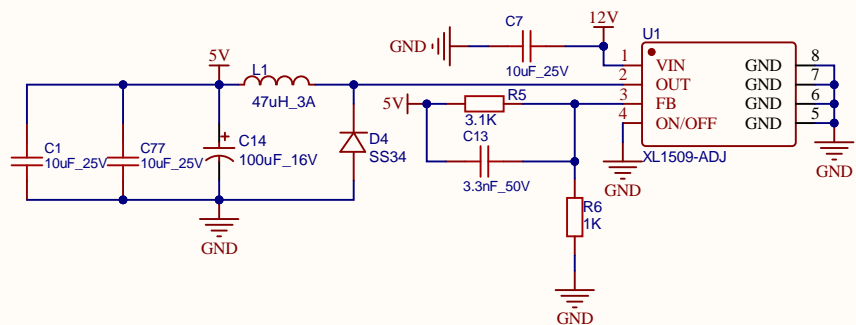
24V输入

BAT+为外部输入电源正极
BAT-为外部输入电源负极
KEY+为电门锁

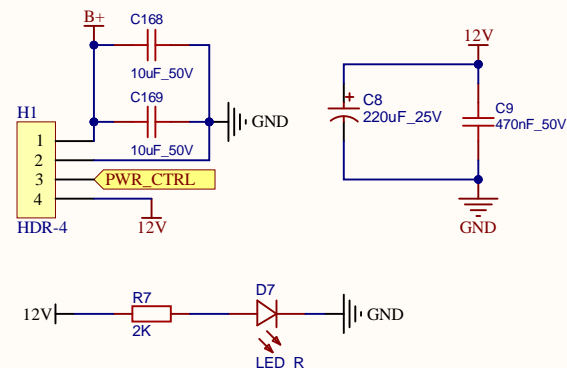
输入滤波



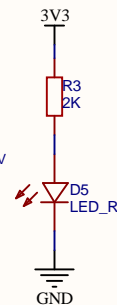
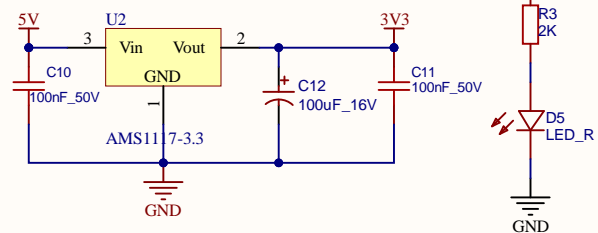
12V转5V



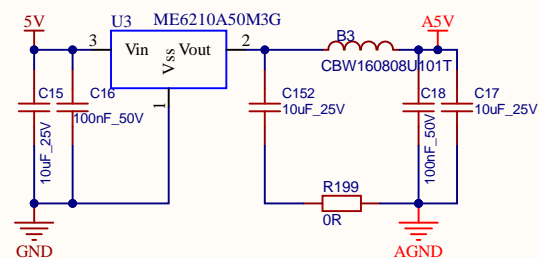
外置24V转12V模块



5V转3.3V



模拟5V



模拟3.3V

