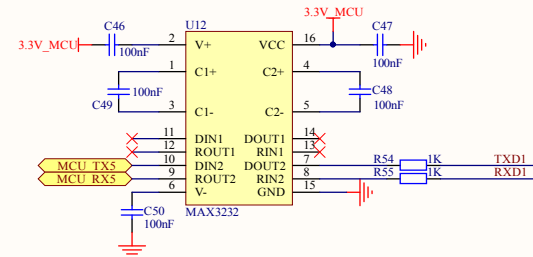
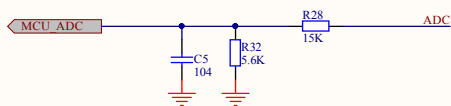


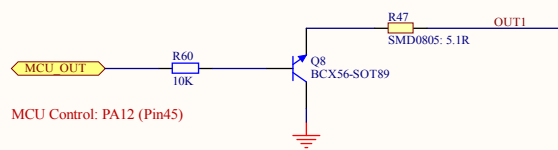
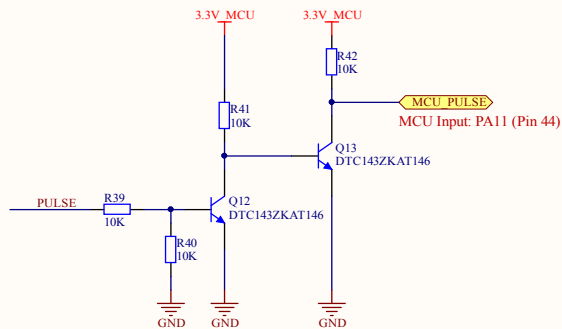
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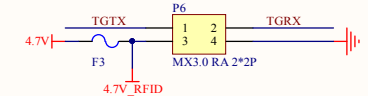
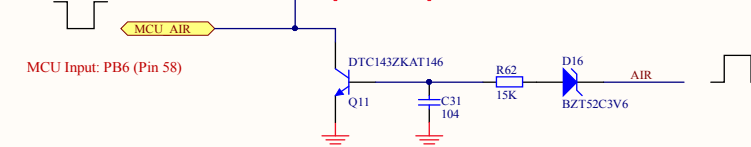
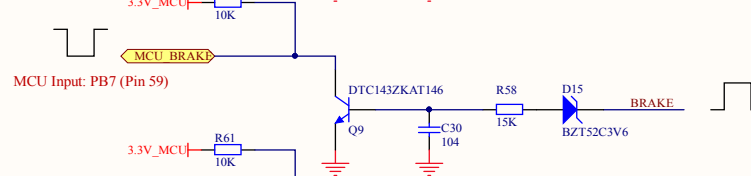
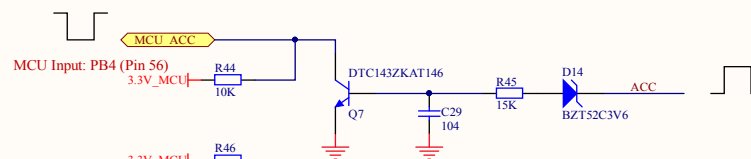
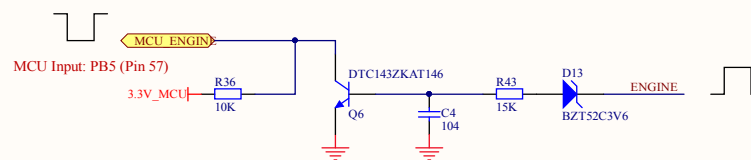
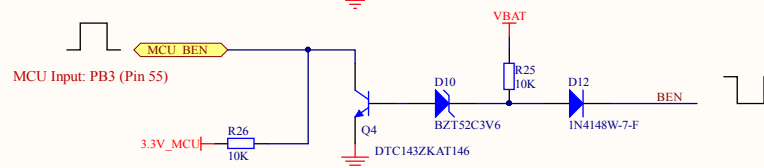
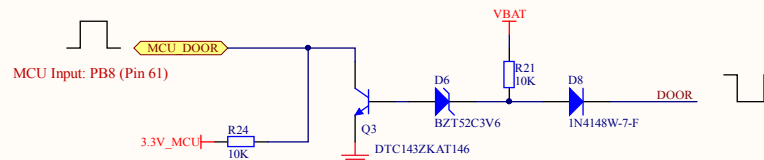
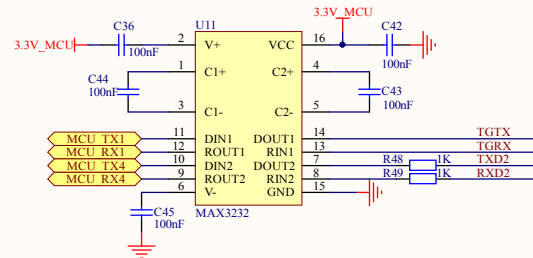
MCU Input: PC0/ADC12\_IN10 (Pin8)



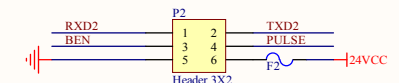
TO MCU (UART5):  
- MCU\_TX: PC12 (Pin 53)  
- MCU\_RX: PD2 (Pin 54)



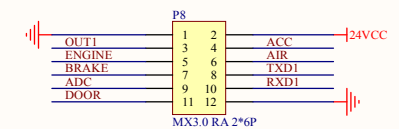
TO MCU (USART1):  
- MCU\_TX: PA9 (Pin 42)  
- MCU\_RX: PA10 (Pin 43)  
  
TO MCU (UART4):  
- MCU\_TX: PC10 (Pin 51)  
- MCU\_RX: PC11 (Pin 52)



**PORT A: RFID connect**  
VCC Out: 4.7V@500mA

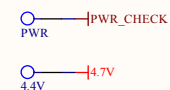
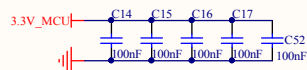
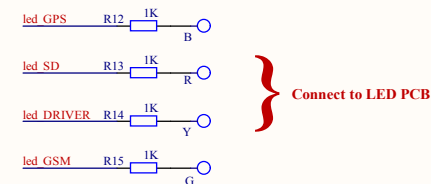
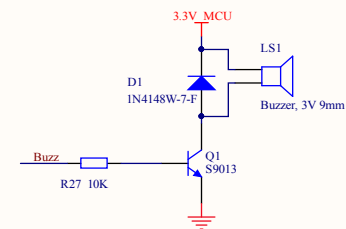


**PORT B: Extra connect**  
VCC Out: 24V@500mA

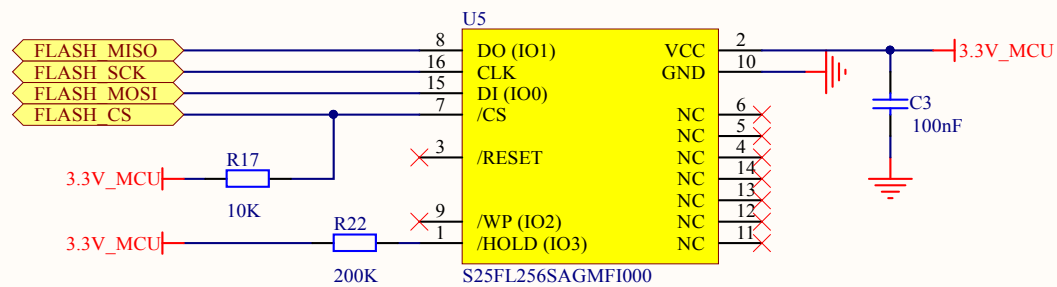


**PORT C: Main connect**  
VCC in: 24V@500mA

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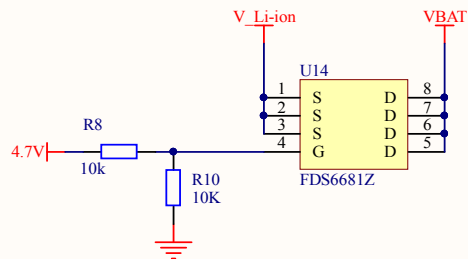
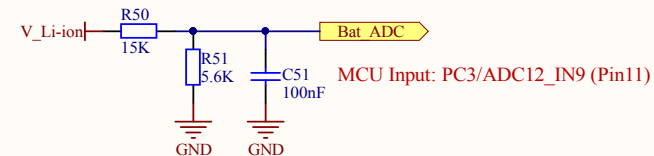
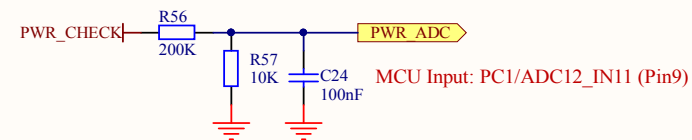
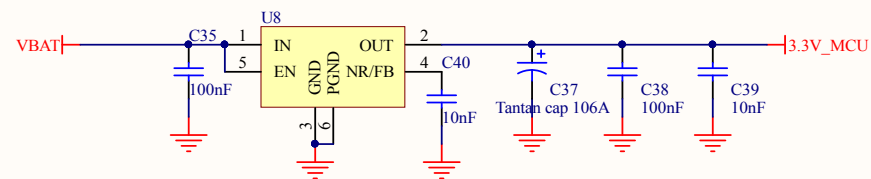
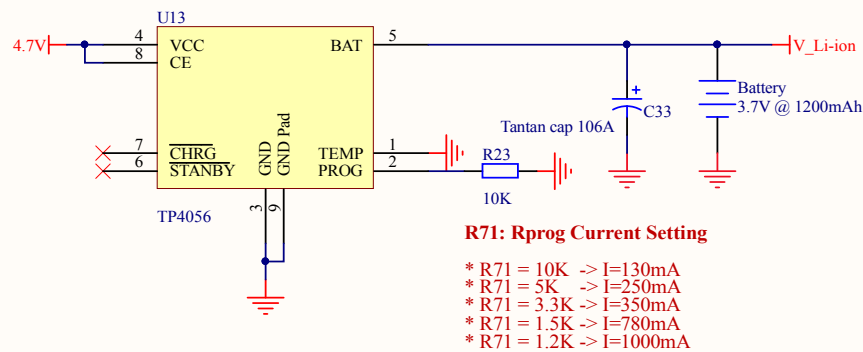
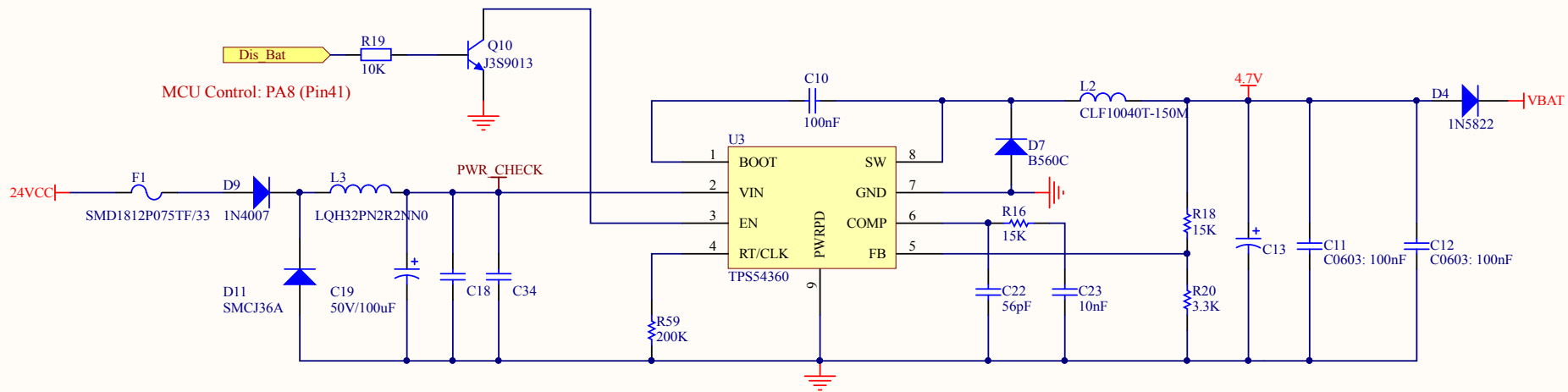


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TO MCU (SPI1):  
- MCU\_CS: PA4 (Pin 20)  
- MCU\_SCK: PA5 (Pin 21)  
- MCU\_MISO: PA6 (Pin 22)  
- MCU\_MOSI: PA7 (Pin 23)

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