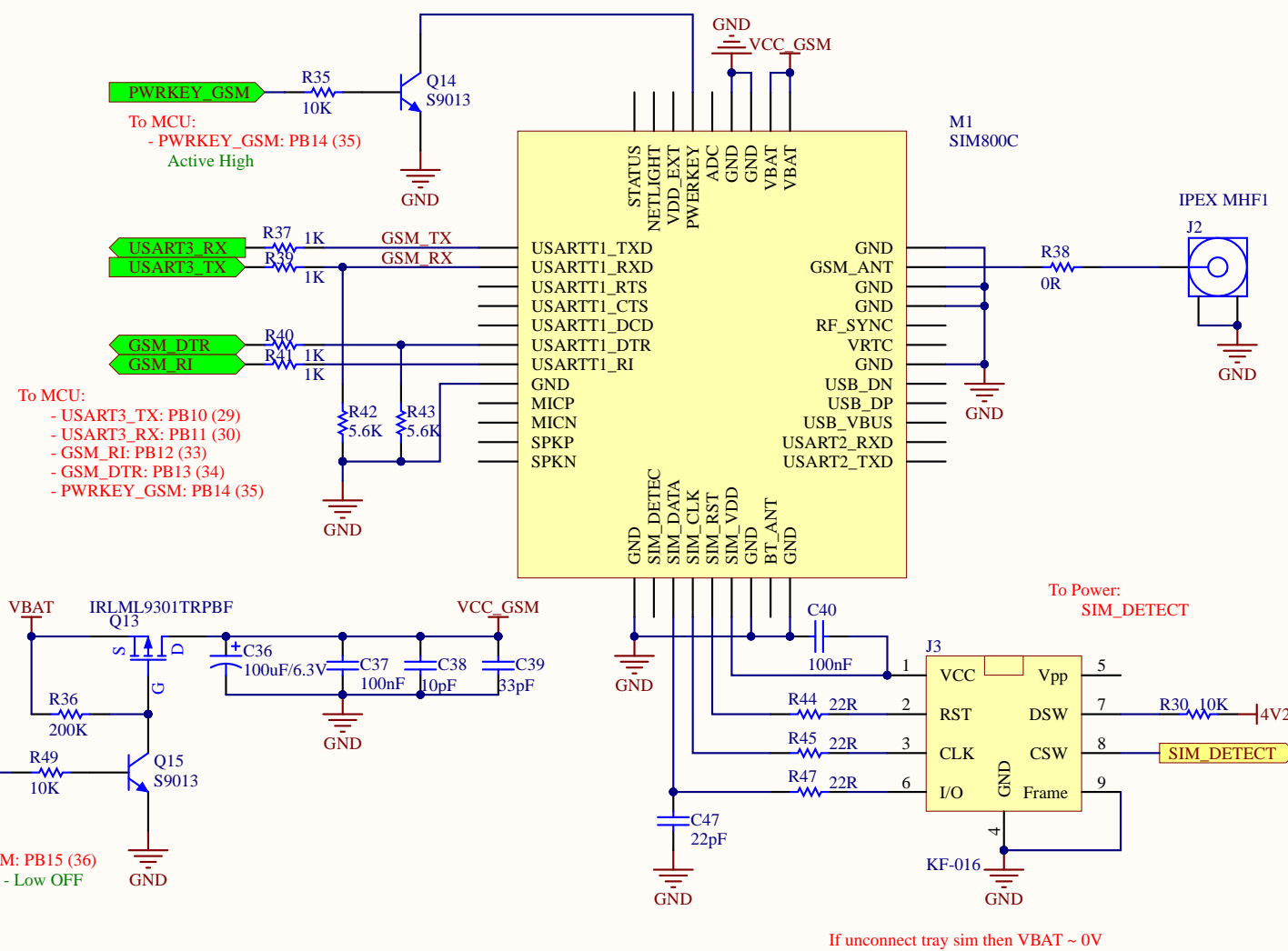
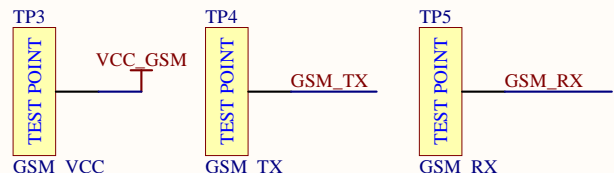


To MCU:

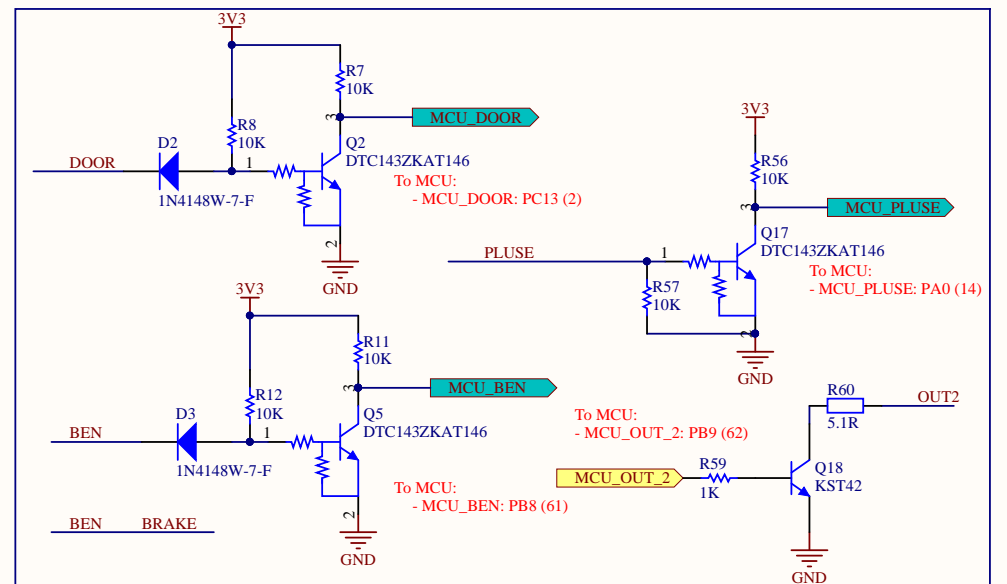
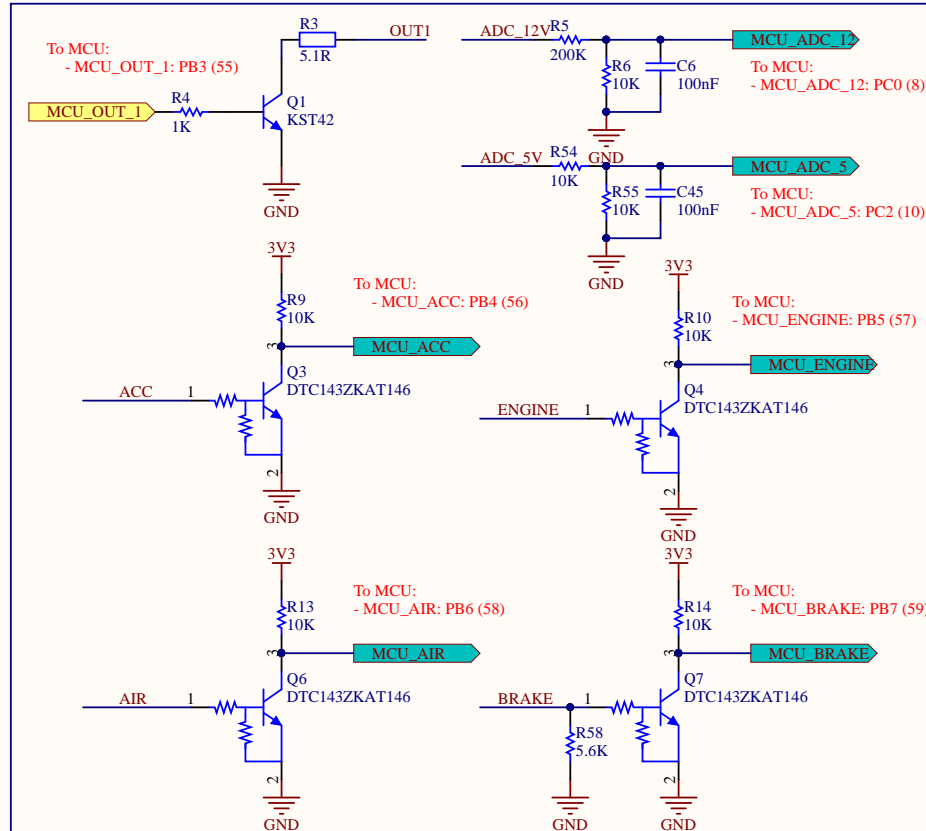
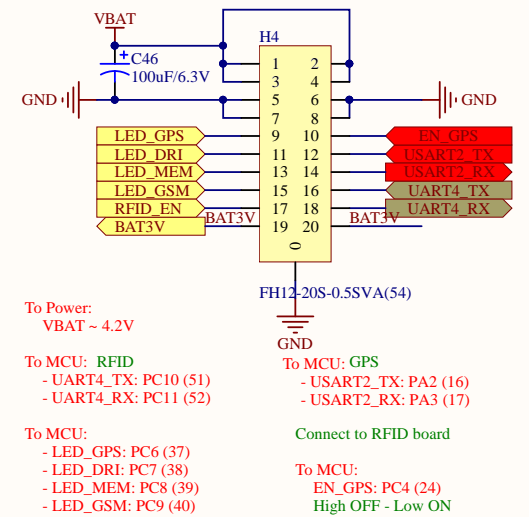
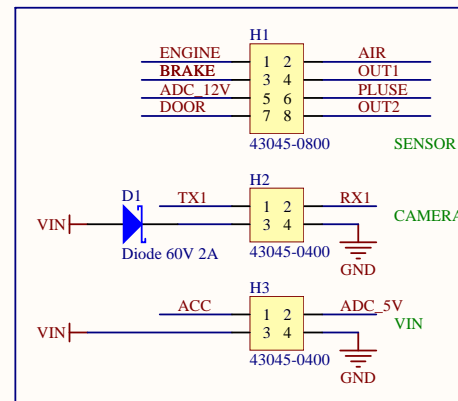
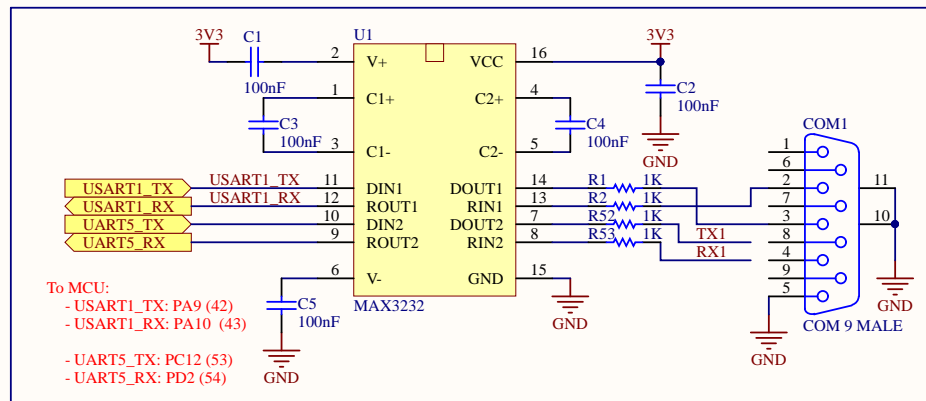
- SPI_CS: PA4 (20)
- SPI_SCK: PA5 (21)
- SPI_MISO: PA6 (22)
- SPI_MOSI: PA7 (23)

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Date:	2/7/2017	Sheet of
File:	D:\2.Cong viec\..\Flash Memory.SchDoc	Drawn By:



If unconnect tray sim then VBAT ~ 0V

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File:	D:\2.Cong viec\..GSM and GPS.SchDoc	Drawn By:



Title			
Size A4	Number		Revision
Date:	2/7/2017	Sheet	of
File:	D:\2.Cong viec\...IO.SchDoc	Drawn By:	

To GPS:

- USART2_TX: PA2 (16)
- USART2_RX: PA3 (17)

To MCU:

- SPI_CS: PA4 (20)
- SPI_SCK: PA5 (21)
- SPI_MISO: PA6 (22)
- SPI_MOSI: PA7 (23)

To IO (MAX3232):

- USART1_TX: PA9 (42)
- USART1_RX: PA10 (43)

- UART5_TX: PC12 (53)
- UART5_RX: PD2 (54)

To Motion Sensor:

- I2C1_SCL: PA14 (49)
- I2C1_SDA: PA15 (50)

To RFID:

- RFID_EN: PB1 (27)

To Power:

- Charge_OFF: PB0 (26)
- EN_GPS: PC4 (24)
- EN_POWER: PC3 (11)

To IO (MCU output):

- MCU_OUT_1: PB3 (55)
- MCU_OUT_2: PB9 (62)

To GSM :

- USART3_TX: PB10 (29)
- USART3_RX: PB11 (30)
- GSM_RI: PB12 (33)
- GSM_DTR: PB13 (34)
- PWRKEY_GSM: PB14 (35)
- EN_GSM: PB15 (36)

To IO (MCU Input):

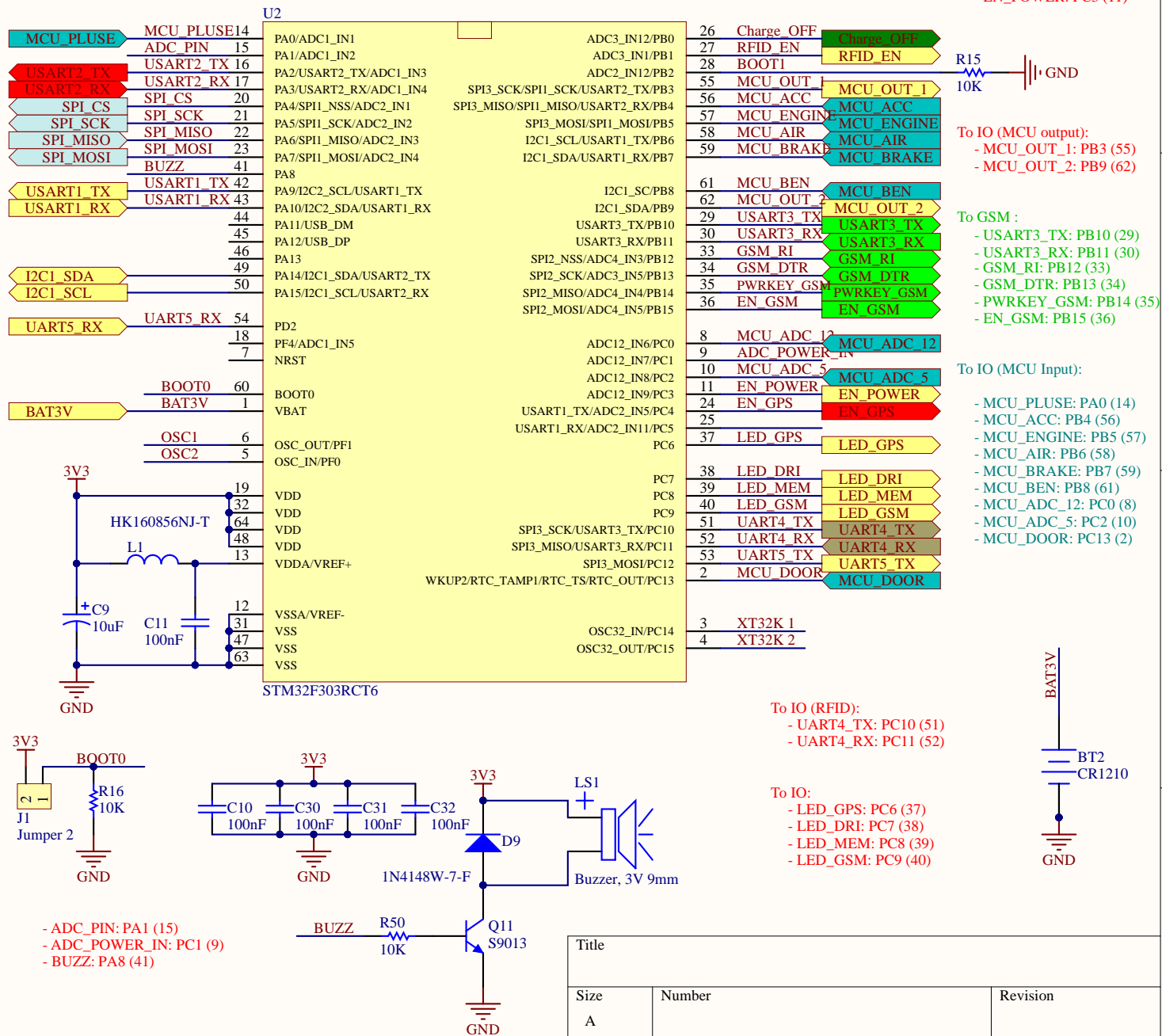
- MCU_PLUSE: PA0 (14)
- MCU_ACC: PB4 (56)
- MCU_ENGINE: PB5 (57)
- MCU_AIR: PB6 (58)
- MCU_BRAKE: PB7 (59)
- MCU_BEN: PB8 (61)
- MCU_ADC_12: PC0 (8)
- MCU_ADC_5: PC2 (10)
- MCU_DOOR: PC13 (2)

To IO (RFID):

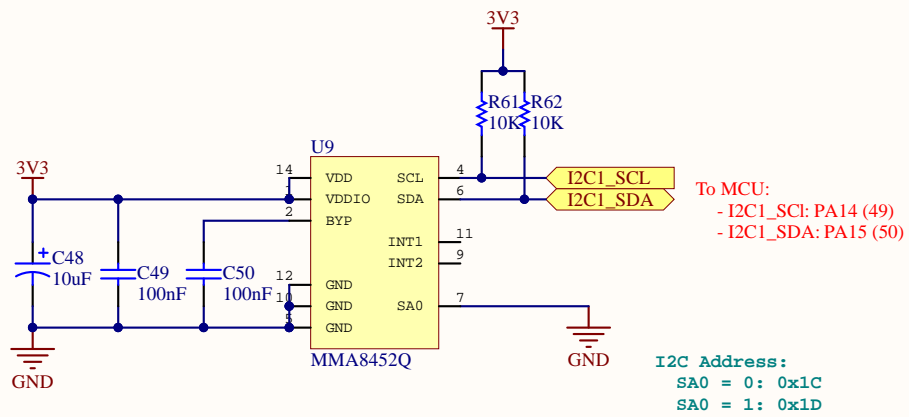
- UART4_TX: PC10 (51)
- UART4_RX: PC11 (52)

To IO:

- LED_GPS: PC6 (37)
- LED_DRI: PC7 (38)
- LED_MEM: PC8 (39)
- LED_GSM: PC9 (40)

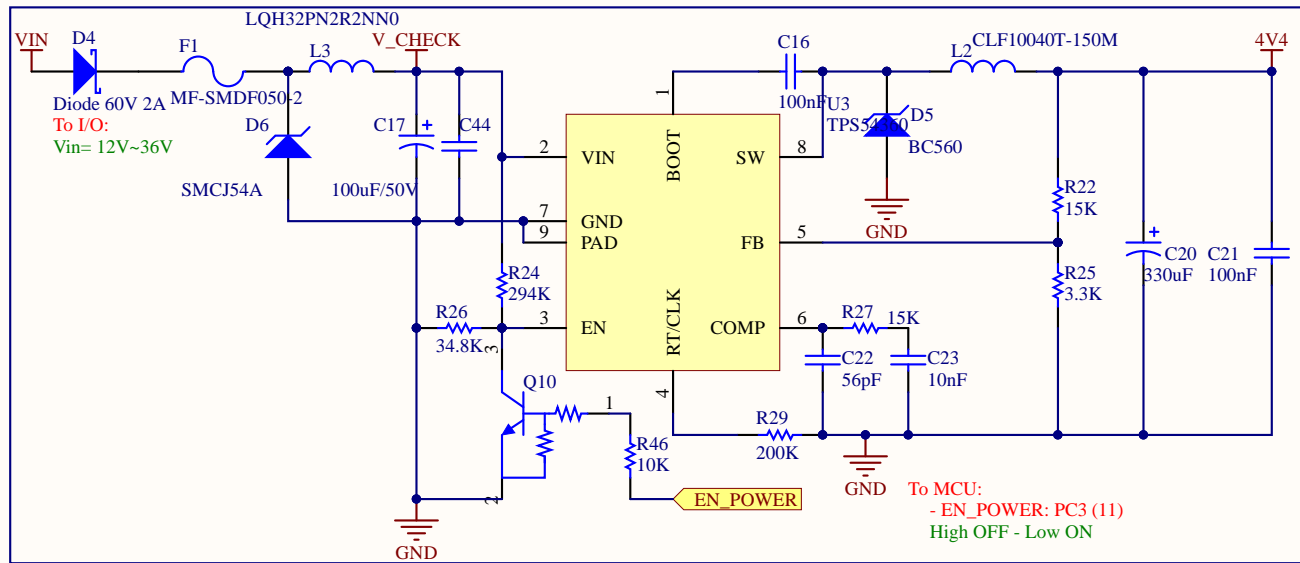


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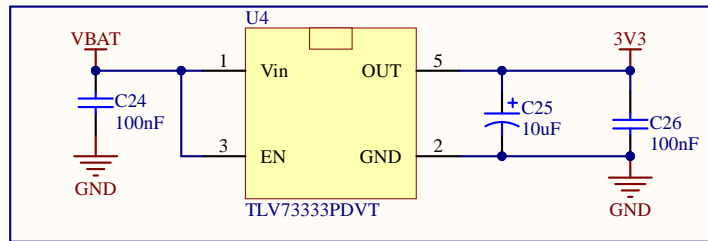


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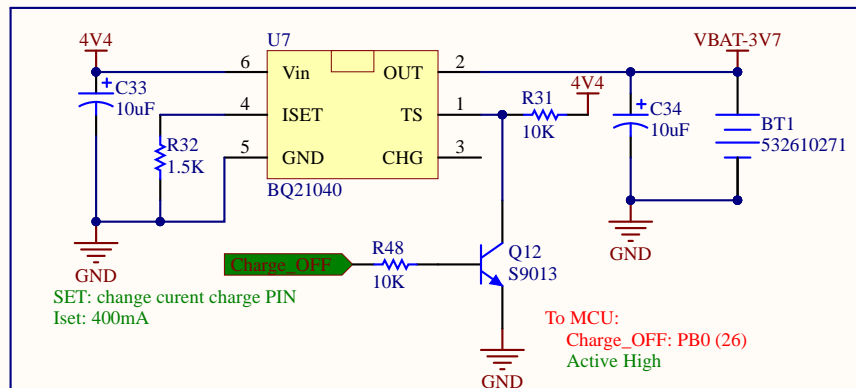
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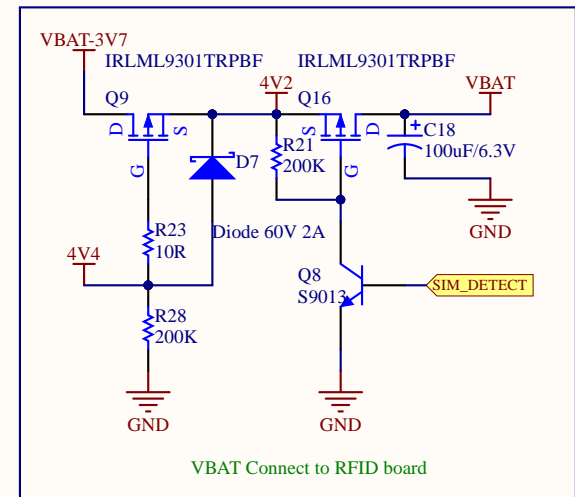
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D



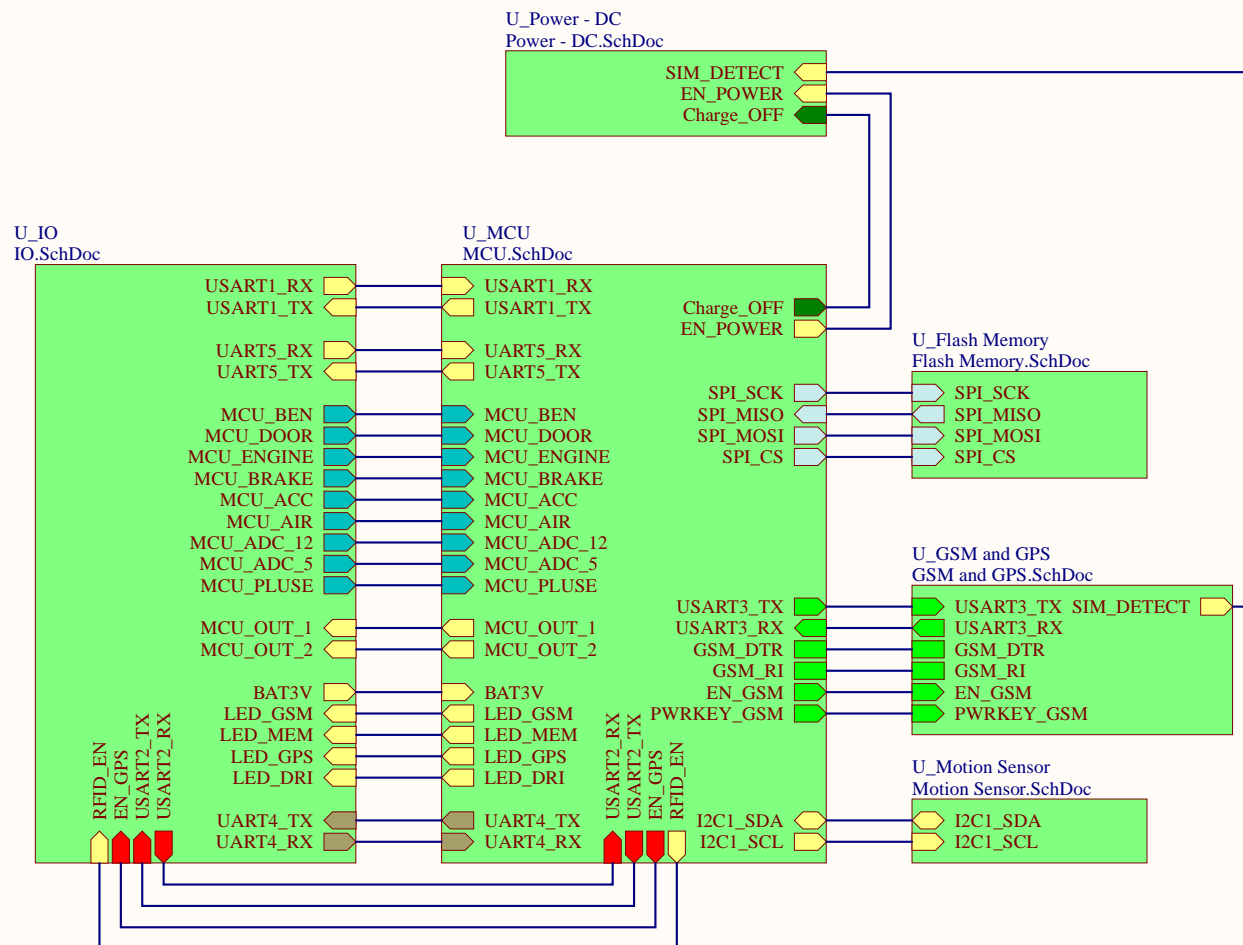
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D

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Date:	2/7/2017	Sheet of
File:	D:\2.Cong viec\..\TG102C.SchDoc	Drawn By: