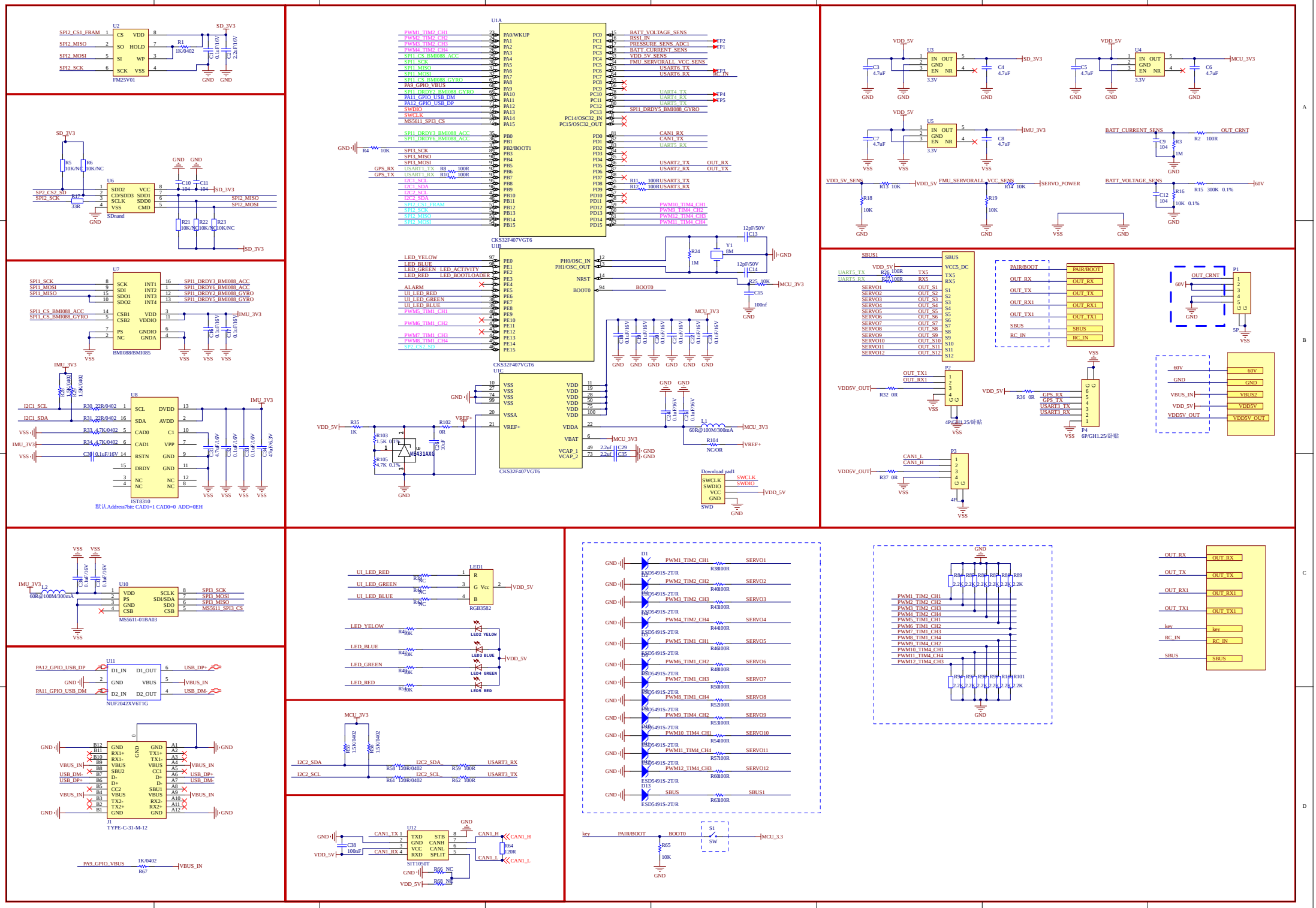
U2
FM25V01
SPI2_CS1_FRAM
SPI2_MISO
SPI2_MOSI
SPI2_SCK
SD_3V3
R1 1K/0402
C1 0.1uF/16V
C2 2.2uF/16V
GND
U6
SDdnand
SPI2_CS2_SD
R5 10K/NC
R6 10K/NC
R12 33R
R21 10K/NC
R22 10K/NC
R23 10K/NC
C10 104
C11 104
SPI2_MISO
SPI2_MOSI
U7
BMI088/BMI085
SPI1_SCK
SPI1_MOSI
SPI1_MISO
SPI1_CS_BMI088_ACC
SPI1_CS_BMI088_GYRO
SPI1_DRDY3_BMI088_ACC
SPI1_DRDY6_BMI088_ACC
SPI1_DRDY2_BMI088_GYRO
SPI1_DRDY5_BMI088_GYRO
IMU_3V3
U8
IST8310
默认Address7bit: CAD1=1 CAD0=0 ADD=0EH
I2C1_SCL
I2C1_SDA
R30 22R/0402
R31 22R/0402
R33 4.7K/0402
R34 4.7K/0402
C30 0.1uF/16V
U10
MS5611-01BA03
SPI3_SCK
SPI3_MOSI
SPI3_MISO
MS5611_SPI3_CS
L2 60R@100M/300mA
U11
NUF2042XV6T1G
PA12_GPIO_USB_DP
PA11_GPIO_USB_DM
USB_DP+
USB_DM-
VBUS_IN
J1
TYPE-C-31-M-12
PA9_GPIO_VBUS
R67 1K/0402
U1A
CKS32F407VGT6
PWM1_TIM2_CH1
PWM2_TIM2_CH2
PWM3_TIM2_CH3
PWM4_TIM2_CH4
SPI1_CS_BMI088_ACC
SPI1_SCK
SPI1_MISO
SPI1_MOSI
SPI1_CS_BMI088_GYRO
PA9_GPIO_VBUS
SPI1_DRDY2_BMI088_GYRO
PA11_GPIO_USB_DM
PA12_GPIO_USB_DP
SWDIO
SWCLK
MS5611_SPI3_CS
SPI1_DRDY3_BMI088_ACC
SPI1_DRDY6_BMI088_ACC
SPI3_SCK
SPI3_MISO
SPI3_MOSI
GPS_RX
GPS_TX
USART1_TX
USART1_RX
I2C1_SCL
I2C1_SDA
I2C2_SCL
I2C2_SDA
SPI2_CS1_FRAM
SPI2_SCK
SPI2_MISO
SPI2_MOSI
BATT_VOLTAGE_SENS
RSSI_IN
PRESSURE_SENS_ADC1
BATT_CURRENT_SENS
VDD_5V_SENS
FMU_SERVORALL_VCC_SENS
USART6_TX
USART6_RX
UART4_TX
UART4_RX
UART5_TX
SPI1_DRDY5_BMI088_GYRO
CAN1_RX
CAN1_TX
U1B
LED_YELOW
LED_BLUE
LED_GREEN
LED_RED
LED_ACTIVITY
LED_BOOTLOADER
ALARM
UI_LED_RED
UI_LED_GREEN
UI_LED_BLUE
PWM5_TIM1_CH1
PWM6_TIM1_CH2
PWM7_TIM1_CH3
PWM8_TIM1_CH4
SPI2_CS2_SD
PWM10_TIM4_CH1
PWM9_TIM4_CH2
PWM12_TIM4_CH3
PWM11_TIM4_CH4
BOOT0
MCU_3V3
12pF/50V
Y1 8M
100nf
U1C
VREF+
L1 60R@100M/300mA
R103 1.5K 0.1%
R104 NC/0R
R105 4.7K 0.1%
R8431AXG
Download pad1
SWCLK
SWDIO
SWD
U3
U4
U5
IMU_3V3
SD_3V3
MCU_3V3
VDD_5V_SENS
FMU_SERVORALL_VCC_SENS
SERVO_POWER
BATT_CURRENT_SENS
BATT_VOLTAGE_SENS
OUT_CRNT
SBUS1
UART5_TX
UART5_RX
SERVO1
SERVO2
SERVO3
SERVO4
SERVO5
SERVO6
SERVO7
SERVO8
SERVO9
SERVO10
SERVO11
SERVO12
PAIR/BOOT
OUT_RX
OUT_TX
OUT_RX1
OUT_TX1
SBUS
RC_IN
P1
P2
P3
P4
4P/GH1.25/卧贴
6P/GH1.25/卧贴
VDD5V_OUT
CAN1_L
CAN1_H
RGB3582
LED1
LED2 YELOW
LED3 BLUE
LED4 GREEN
LED5 RED
MCU_3V3
I2C2_SDA
I2C2_SCL
USART3_RX
USART3_TX
U12
SIT1050T
CAN1_TX
CAN1_RX
D1
D2
D3
D4
D5
D6
D7
D8
D9
D10
D11
D12
D13
ESD5491S-2T/R
SERVO1
SERVO2
SERVO3
SERVO4
SERVO5
SERVO6
SERVO7
SERVO8
SERVO9
SERVO10
SERVO11
SERVO12
SBUS
SBUS1
key
PAIR/BOOT
BOOT0
S1
SW
MCU_3.3
OUT_RX
OUT_TX
OUT_RX1
OUT_TX1
key
RC_IN
SBUS