

\MDK-ARM\app\	<b>sys.h</b>
	<pre>#define CHASSIS_CAN hcan1 #define ZGYRO_CAN hcan2 #define CHASSIS_ZGYRO_CAN hcan1 #define GIMBAL_CAN hcan1  #define DBUS_HUART huart1 //for dji remote controler reciever #define JUDGE_HUART huart3 //connected to judge system #define CV_HUART huart6 //connected to manifold/TXone</pre>

\bsp\	<b>mytype.h</b>	<b>bsp_can.c</b>	<b>main.c</b>
	<pre>typedef uint8_t u8; typedef uint16_t u16; typedef uint32_t u32;  typedef int8_t s8; typedef int16_t s16; typedef int32_t s32;  typedef volatile uint8_t vu8; typedef volatile uint16_t vu16; typedef volatile uint32_t vu32;  typedef volatile int8_t vs8; typedef volatile int16_t vs16; typedef volatile int32_t vs32;  typedef unsigned char u8; typedef unsigned short u16; typedef unsigned long u32;  typedef signed char s8; typedef signed short s16; typedef signed long s32;  typedef volatile unsigned char vu8; typedef volatile unsigned short vu16; typedef volatile unsigned long vu32;  typedef volatile signed char vs8; typedef volatile signed short vs16; typedef volatile signed long vs32;</pre>	<pre>CAN_TxGimbal_ID = 0x1FF, CAN_YAW_FEEDBACK_ID = 0x205 CAN_PIT_FEEDBACK_ID = 0x206, CAN_trigger_FEEDBACK_ID = 0x207, CAN_ZGYRO_RST_ID = 0x404, CAN_ZGYRO_FEEDBACK_MSG_ID = 0x401, CAN_ZGYRO_CHASSIS_MSG_ID = 0x402,  CAN_MotorLF_ID = 0x041, CAN_MotorRF_ID = 0x042, CAN_MotorLB_ID = 0x043, CAN_MotorRB_ID = 0x044, CAN_4Moto_Target_Speed_ID = 0x046, CAN_GyroRecev_ID = 0x011, CAN_GyroReset_ID = 0x012,  CAN_3510MotoAll_ID = 0x200, CAN_3510Moto1_ID = 0x201, CAN_3510Moto2_ID = 0x202, CAN_3510Moto3_ID = 0x203, CAN_3510Moto4_ID = 0x204, CAN_DriverPower_ID = 0x80,  CAN_HeartBeat_ID = 0x156,</pre>	<p>Receive data thru UART from DBus, Bluetooth, judging system, Manifold, et c.</p>
			<b>calibrate.c</b>
			calibrate gimbal_offset, imu_data, and save these calibration data in flash
			<b>mpu.c</b>
			Config MPU6500 and read the data from accelerometer& gyrometer using SPI interface