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# DIFF
###WARNING: NO CUSTOM DEFAULTS FOUND###
# version
# Betaflight / STM32F405 (S405) 4.3.1 Jul 13 2022 / 03:32:11 (8d4f005) MSP API: 1.44
###ERROR IN diff: NO CONFIG FOUND###
# start the command batch
batch start
board_name FLYWOOF405S_AIO
manufacturer_id FLWO
# resources
resource BEEPER 1 C13
resource MOTOR 1 A03
resource MOTOR 2 B00
resource MOTOR 3 A02
resource MOTOR 4 B01
resource MOTOR 5 B05
resource MOTOR 6 B07
resource MOTOR 7 C09
resource MOTOR 8 C08
resource PPM 1 B08
resource LED_STRIP 1 A09
resource SERIAL_TX 1 B06
resource SERIAL_TX 2 D05
resource SERIAL_TX 3 B10
resource SERIAL_TX 4 A00
resource SERIAL_TX 6 C06
resource SERIAL_RX 1 A10
resource SERIAL_RX 2 D06
resource SERIAL_RX 3 B11
resource SERIAL_RX 4 A01
resource SERIAL_RX 5 D02
resource SERIAL_RX 6 C07
resource I2C_SCL 1 B08
resource I2C_SDA 1 B09
resource LED 1 C14
resource SPI_SCK 1 A05
resource SPI_SCK 3 C10
resource SPI_MISO 1 A06
resource SPI_MISO 3 C11
resource SPI_MOSI 1 A07
resource SPI_MOSI 3 C12
resource ESCSERIAL 1 B08
resource ADC_BATT 1 C03
resource ADC_RSSI 1 C00
resource ADC_CURR 1 C02
resource FLASH_CS 1 B03
resource OSD_CS 1 B14
resource GYRO_EXTI 1 B13
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resource GYRO_CS 1 B12
resource USB_DETECT 1 A08
timer
timer B00 AF2
pin B00: TIM3 CH3 (AF2)
timer B01 AF2
pin B01: TIM3 CH4 (AF2)
timer A03 AF1
pin A03: TIM2 CH4 (AF1)
timer A02 AF1
pin A02: TIM2 CH3 (AF1)
timer B05 AF2
pin B05: TIM3 CH2 (AF2)
timer B07 AF2
pin B07: TIM4 CH2 (AF2)
timer C09 AF3
pin C09: TIM8 CH4 (AF3)
timer C08 AF3
pin C08: TIM8 CH3 (AF3)
timer A09 AF1
pin A09: TIM1 CH2 (AF1)
dma
dma ADC 1 0
ADC 1: DMA2 Stream 0 Channel 0
dma pin B00 0
pin B00: DMA1 Stream 7 Channel 5
dma pin B01 0
pin B01: DMA1 Stream 2 Channel 5
dma pin A03 1
pin A03: DMA1 Stream 6 Channel 3
dma pin A02 0
pin A02: DMA1 Stream 1 Channel 3
dma pin B05 0
pin B05: DMA1 Stream 5 Channel 5
dma pin B07 0
pin B07: DMA1 Stream 3 Channel 2
dma pin C09 0
pin C09: DMA2 Stream 7 Channel 7
dma pin C08 0
pin C08: DMA2 Stream 2 Channel 0
dma pin A09 0
pin A09: DMA2 Stream 6 Channel 0
feature
feature -RX_PARALLEL_PWM
feature RX_SERIAL
feature MOTOR_STOP
feature RSSI_ADC
feature LED_STRIP

feature OSD

serial

serial 2 64 115200 57600 0 115200

serial 5 1 115200 57600 0 115200

beacon

beacon RX_SET

led

led 0 8,8::CB:8

led 1 9,8::CB:8

led 2 10,8::CB:8

led 3 11,8::CB:8

aux

aux 0 0 1 1300 2100 0 0

aux 1 2 1 1700 2100 0 0

master

set dyn_notch_count = 1

set dyn_notch_q = 500

set acc_calibration = -45,19,-22,1

set mag_bustype = I2C

set mag_i2c_device = 1

set mag_hardware = NONE

set baro_bustype = I2C

set baro_i2c_device = 1

set serialrx_provider = SBUS

set blackbox_device = SPIFLASH

set dshot_idle_value = 1200

set dshot_burst = ON

set dshot_bidir = ON

set motor_pwm_protocol = DSHOT300

set motor_poles = 12

set vbat_max_cell_voltage = 435

set current_meter = ADC

set battery_meter = ADC

set ibata_scale = 170

set beeper_inversion = ON

set beeper_od = OFF

set yaw_motors_reversed = ON

set pid_process_denom = 4

set osd_vbat_pos = 2337

set osd_link_quality_pos = 2145

set osd_tim_1_pos = 2423

set osd_tim_2_pos = 2391

set osd_throttle_pos = 2359

set osd_vtx_channel_pos = 2177

set osd_current_pos = 2305

set osd_avg_cell_voltage_pos = 2401

set osd_displayport_device = MSP

set system_hse_mhz = 8

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set max7456_spi_bus = 3
set displayport_msp_serial = 5
set dashboard_i2c_bus = 1
set pinio_box = 40,41,255,255
set flash_spi_bus = 3
set gyro_1_bustype = SPI
set gyro_1_spibus = 1
set gyro_1_sensor_align = CW270
set gyro_1_align_yaw = 2700
set gyro_2_spibus = 1
profile 0
# profile 0
set p_pitch = 32
set i_pitch = 63
set f_pitch = 80
set p_roll = 29
set i_roll = 59
set d_roll = 42
set f_roll = 76
set p_yaw = 31
set i_yaw = 63
set f_yaw = 76
set d_min_roll = 27
set d_min_pitch = 30
rateprofile 0
# end the command batch
batch end
#
SAVE
```