

board_name FLYW00F745AI0
manufacturer_id FLW0

resources

resource BEEPER 1 D15
resource MOTOR 1 B00
resource MOTOR 2 B01
resource MOTOR 3 E09
resource MOTOR 4 E11
resource MOTOR 5 C09
resource MOTOR 6 A03
resource MOTOR 7 B04
resource MOTOR 8 B05
resource LED_STRIP 1 D12
resource SERIAL_TX 1 A09
resource SERIAL_TX 2 D05
resource SERIAL_TX 3 B10
resource SERIAL_TX 4 A00
resource SERIAL_TX 5 C12
resource SERIAL_TX 6 C06
resource SERIAL_TX 7 E08
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 SERIAL_RX 7 E07
resource I2C_SCL 1 B06
resource I2C_SDA 1 B07
resource LED 1 A02
resource SPI_SCK 1 A05
resource SPI_SCK 2 B13
resource SPI_SCK 4 E02
resource SPI_MISO 1 A06
resource SPI_MISO 2 B14
resource SPI_MISO 4 E05
resource SPI_MOSI 1 A07
resource SPI_MOSI 2 B15
resource SPI_MOSI 4 E06
resource ADC_BATT 1 C03
resource ADC_RSSI 1 C05
resource ADC_CURR 1 C02
resource PINIO 1 C00
resource FLASH_CS 1 A04
resource OSD_CS 1 B12
resource GYRO_EXTI 1 E01
resource GYRO_CS 1 E04
resource USB_DETECT 1 A08

timer

timer E13 AF1
pin E13: TIM1 CH3 (AF1)
timer B00 AF2
pin B00: TIM3 CH3 (AF2)
timer B01 AF2
pin B01: TIM3 CH4 (AF2)
timer E09 AF1
pin E09: TIM1 CH1 (AF1)
timer E11 AF1
pin E11: TIM1 CH2 (AF1)
timer C09 AF3
pin C09: TIM8 CH4 (AF3)
timer A03 AF2

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# pin A03: TIM5 CH4 (AF2)
timer B03 AF1
# pin B03: TIM2 CH2 (AF1)
timer B04 AF2
# pin B04: TIM3 CH1 (AF2)
timer B05 AF2
# pin B05: TIM3 CH2 (AF2)
timer D12 AF2
# pin D12: TIM4 CH1 (AF2)

# dma
dma ADC 1 1
# ADC 1: DMA2 Stream 4 Channel 0
dma pin E13 1
# pin E13: DMA2 Stream 6 Channel 6
dma pin B00 0
# pin B00: DMA1 Stream 7 Channel 5
dma pin B01 0
# pin B01: DMA1 Stream 2 Channel 5
dma pin E09 2
# pin E09: DMA2 Stream 3 Channel 6
dma pin E11 1
# pin E11: DMA2 Stream 2 Channel 6
dma pin C09 0
# pin C09: DMA2 Stream 7 Channel 7
dma pin A03 0
# pin A03: DMA1 Stream 1 Channel 6
dma pin B03 0
# pin B03: DMA1 Stream 6 Channel 3
dma pin B04 0
# pin B04: DMA1 Stream 4 Channel 5
dma pin B05 0
# pin B05: DMA1 Stream 5 Channel 5
dma pin D12 0
# pin D12: DMA1 Stream 0 Channel 2

# feature
feature -AIRMODE
feature MOTOR_STOP
feature LED_STRIP
feature OSD

# led
led 0 8,6::CB:8

# master
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 = CRSF
set blackbox_device = SPIFLASH
set dshot_bidir = ON
set motor_pwm_protocol = DSHOT600
set align_board_yaw = -45
set current_meter = ADC
set battery_meter = ADC
set ibata_scale = 275
set beeper_inversion = ON
set beeper_od = OFF
set gps_auto_baud = ON
set gps_ublox_use_galileo = ON
set osd_vbat_pos = 14570
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set osd_current_pos = 2346
set osd_warnings_pos = 14697
set osd_canvas_width = 30
set osd_canvas_height = 13
set max7456_spi_bus = 2
set dashboard_i2c_bus = 1
set pinio_box = 40,255,255,255
set flash_spi_bus = 1
set gyro_1_bustype = SPI
set gyro_1_spibus = 4
set gyro_1_sensor_align = CW180
set gyro_1_align_yaw = 1800
set gyro_2_spibus = 4
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```
profile 0
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```
rateprofile 0
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```
# rateprofile 0
set rates_type = BETAFLIGHT
set roll_rc_rate = 100
set pitch_rc_rate = 100
set yaw_rc_rate = 100
set roll_srate = 70
set pitch_srate = 70
set yaw_srate = 70
SAVE
```