

Working Principle Description:

- 1、 After the whole machine is powered on, the voltage is stabilized at 2.8V and then supplied to a chip MCU(51F003) 。
- 2、 The 2.4g module receives the signal from the transmitter through the antenna and processes it, and then provides it to the main control MCU for decoding 。
- 3、 After decoding, the main control MCU firstly controls the signals coming from the emitter and outputs them to four motor driving circuits to drive the aircraft for action 。
- 4、 After take-off, the main control MCU firstly detects the six-axis gyroscope and barometer, and compensates them according to their status to make them hover stably at a fixed height in mid-air 。
- 5、 After the initial completion of the flight status, you can carry out any flight movements according to the transmitted signals。
(RC Receiver is only receive function)

The Wi-Fi module (BK7231U) is connected to the driver chip, and the radio frequency chip inside the Wi-Fi module performs signal acquisition and control to realize signal transmission.

Frequency Range:2412-2472MHz

Modulation:OFDM

Crystal oscillator:26MHz