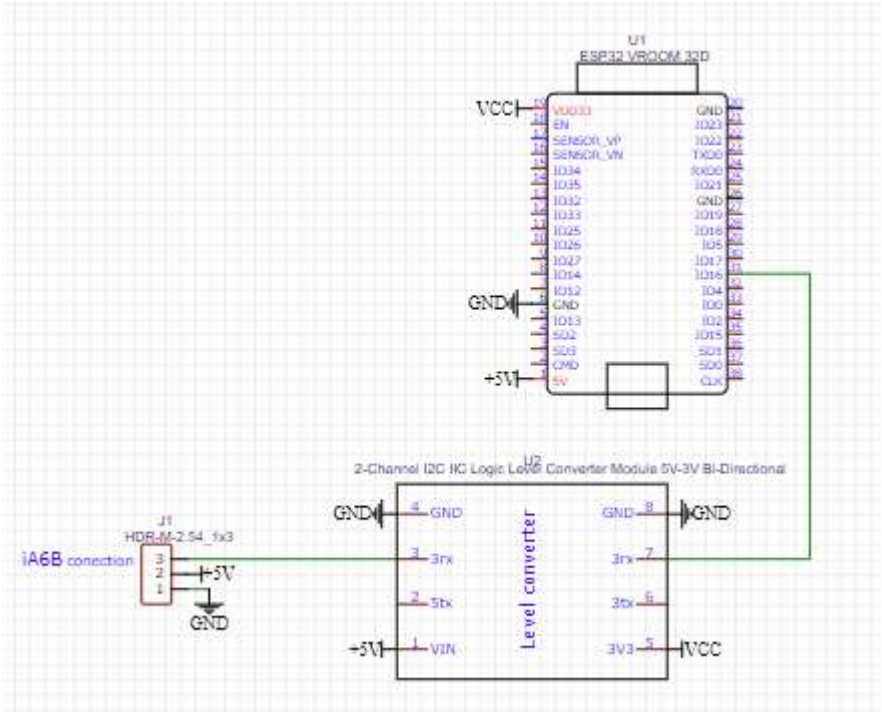
Flysky Mega code as base for ESP32.

Unfortunately it dose work, It gives not no channeldata in the results:

```
Ch1: 0 | Ch2: 0 | Ch3: 0 | Ch4: 0 | Ch5: 0 | Ch6: 0
Ch1: 0 | Ch2: 0 | Ch3: 0 | Ch4: 0 | Ch5: 0 | Ch6: 0
Ch1: 0 | Ch2: 0 | Ch3: 0 | Ch4: 0 | Ch5: 0 | Ch6: 0
Ch1: 0 | Ch2: 0 | Ch3: 0 | Ch4: 0 | Ch5: 0 | Ch6: 0
```

All controls are operated but no results.

Any help would be appreciated.




```
#include <IBusBM.h>

IBusBM IBus;    // IBus object

/*
This initializes the library for a given serial port. rxPin and txPin can be
specified for the serial ports 1 and 2 of ESP32 architectures (default to
RX1=9, TX1=10, RX2=16, TX2=17).
*/
#define RX2  16

// Read the number of a given channel and convert to the range provided.
// If the channel is off, return the default value
int readChannel(byte channelInput, int minLimit, int maxLimit, int
defaultValue) {
  uint16_t ch = IBus.readChannel(channelInput);
  if (ch < 100) return defaultValue;
  return map(ch, 1000, 2000, minLimit, maxLimit);
}
```

```
// Read the channel and return a boolean value
bool readSwitch(byte channelInput, bool defaultValue) {
  int intDefaultValue = (defaultValue) ? 100 : 0;
  int ch = readChannel(channelInput, 0, 100, intDefaultValue);
  return (ch > 50);
}


void setup() {

    // Start serial monitor
  Serial.begin(115200);
  IBus.begin(Serial2,1);        // iBUS object connected to serial2 RX2 pin
using timer 1

}

void loop() {

  // Cycle through first 5 channels and determine values
  // Print values to serial monitor
  // Note IBusBM library labels channels starting with "0"

  for (byte i = 0; i < 5; i++) {
    int value = readChannel(i, -100, 100, 0);
    Serial.print("Ch");
    Serial.print(i + 1);
    Serial.print(": ");
    Serial.print(value);
    Serial.print(" | ");
  }

  // Print channel 6 (switch) boolean value
  Serial.print("Ch6: ");
  Serial.print(readSwitch(5, false));
  Serial.println();

  delay(10);
}
```