NEW PIN CONFIGURATION

PB15 – GREEN
PB13 – RED

SHIFT REGISTER

5V

PB15 – SH_CP (CLOCK)
PB13 – ST_CP (LATCH)
PB11 – DS (DATA)

PE9 – DIG4
PE7 – DIG3
PB1 – DIG2
PC5 – DIG1

LEDs

MP

I2C

IMU I2C1

PB6 – SCL
PB7 – SDA
PB0 – INT

Buttons

PB11 – button 1
PB9 – button 2

Buzzer

PB11

UART (9600)

Comms

USART2

PA2=Tx
PA3=Rx

Rx
Tx

ESP8266

3.3v