WiFiCompass – wiring plan

The following shows how the various spins of the ESP32 C3 SuperMini module and CMPS 14 module are connected. All pin number refer to the pin numbers printed on the silk-screens of the relevant modules

ESP32 Pin 8 – I2C SDA =- wired to CMPS 14 pin 2

ESP32 Pin 9 – I2C SCL =- wired to CMPS 14 pin 3

ESP32 Pin 4 – wired to Red LED anode

ESP32 Pin 5 – wired to Green LED anode

ESP32 Pin 6 – wired to Blue LED anode

ESP32 GND – wired to LED common cathode and CMPS14 pin 6

ESP32 3v3 – wired to CMPS 14 pin 1