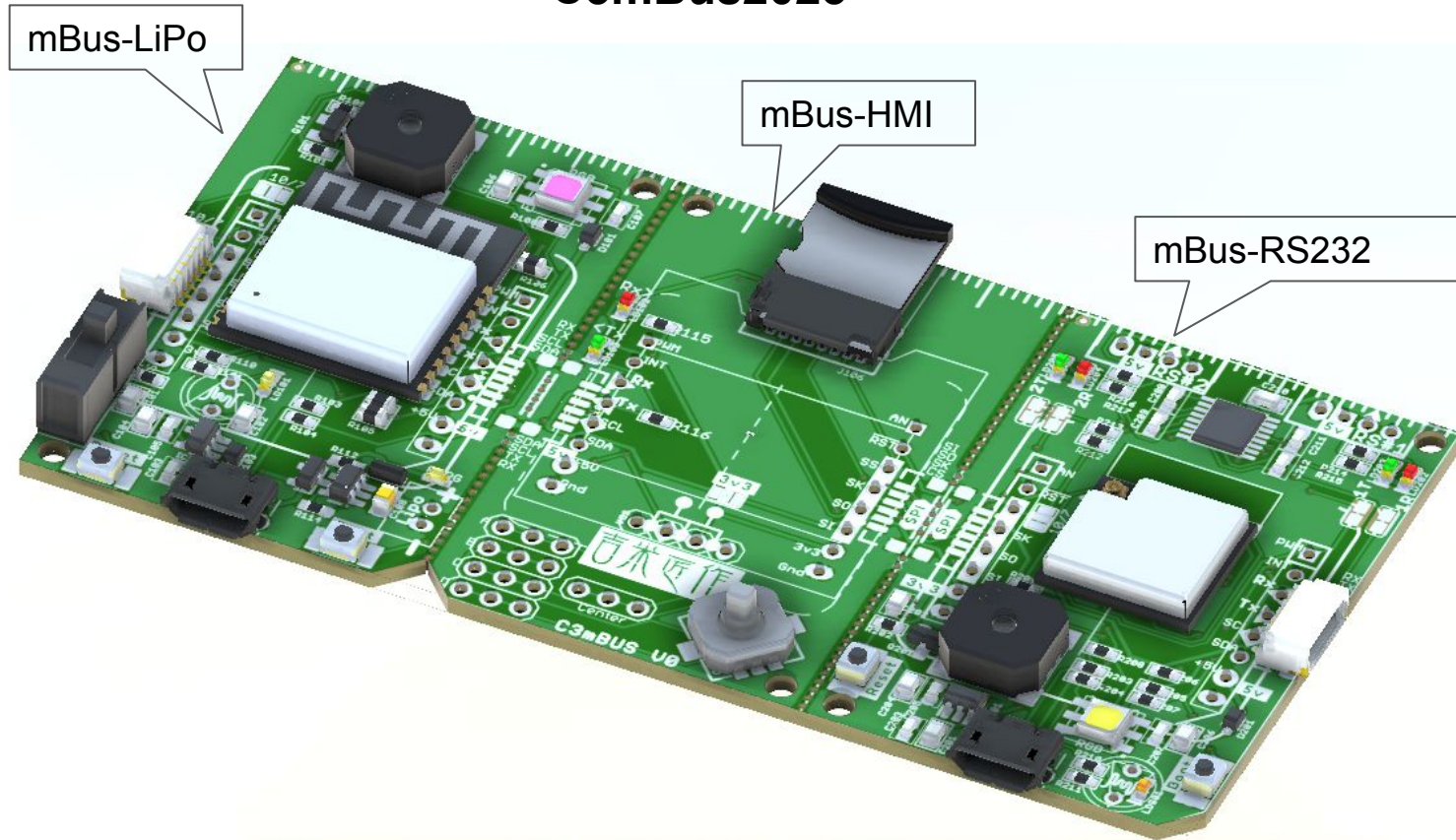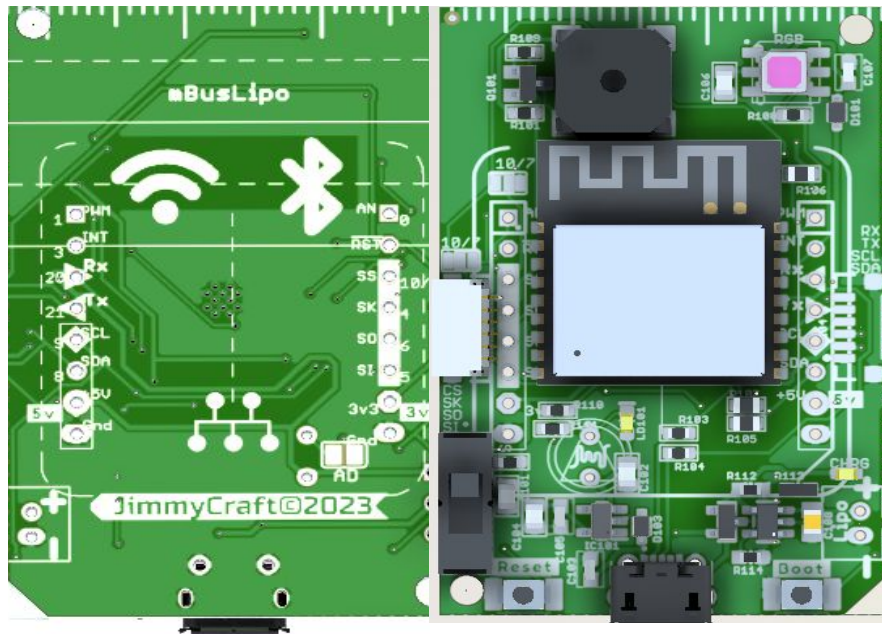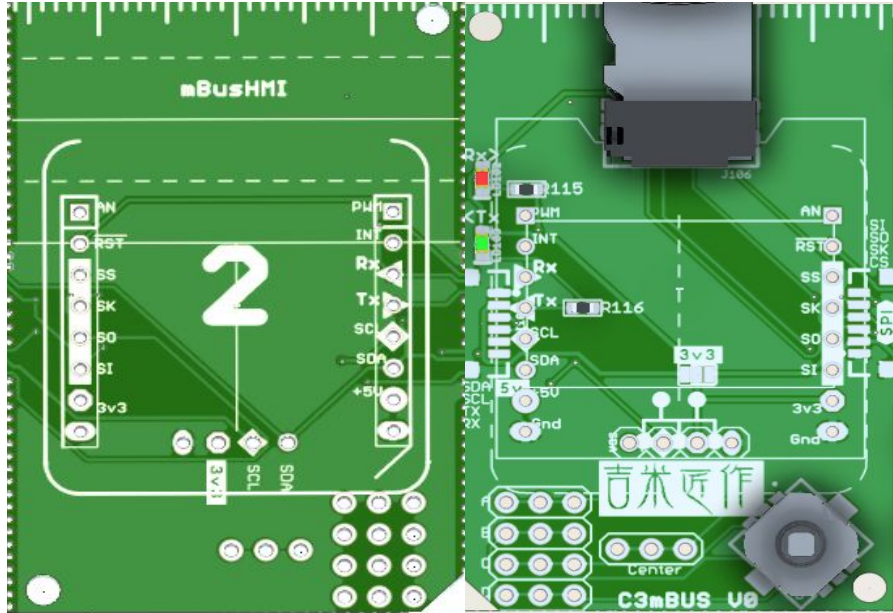# C3mBus2023

mBus-LiPo

mBus-HMI

mBus-RS232

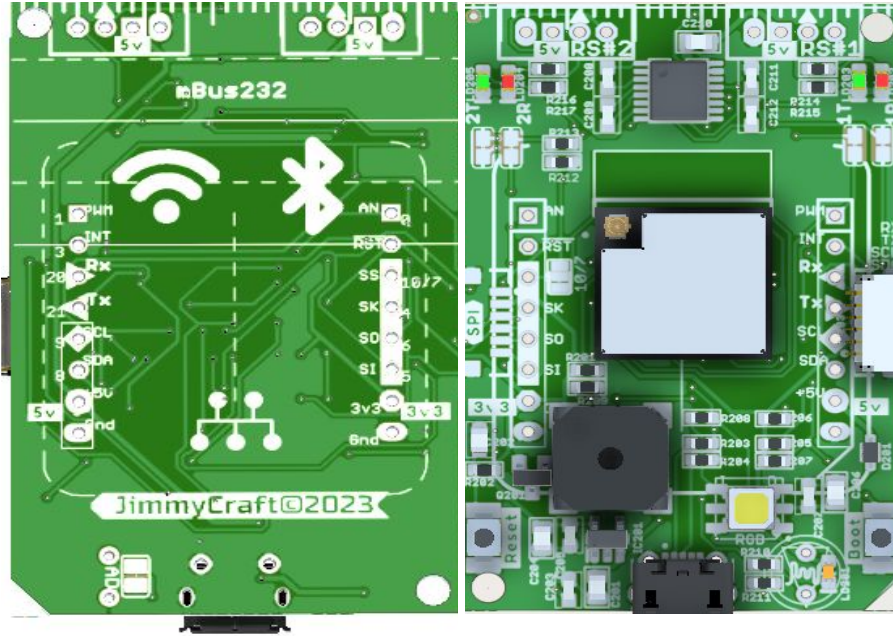Dimension(WxLxH mm): 50x100x1.6

C3mBus2023 mBus-LiPo

- CPU Module: ESP32C3wroom-02U (RISC-V single-core 160MHz)
- On board antenna optional (ESP32C3wroom-02 WiFi/BLE)
- Flash: 4MB(8/16 optional)
- Buzzer-8585 x1
- RGB-3535 LED x1
- 5V-3.3V regulator 600mA x1
- micro-B USB x1 (5V-input &, USB-CDC)
- Reset/Boot buttons x2
- mikroE-Bus 8x2pin x1
- SPI-6pin JST2.0 connector x1
- I2C-6pin JST2.0 connector x1
- LED/Photo-sensor x1

- 200mA LiPo Charger x1
- LiPo power switch x1
- LiPo battery connector x1

C3mBus2023 mBus-HMI

- SD/TF card interface
- mikroE-Bus 8x2pin x1
- SPI-6pin JST2.0 connector x1
- I2C-6pin JST2.0 connector x1
- 5-way key/switch x1
- I2C LCD interface x1
- Tx/Rx LED x2

C3mBus2023 mBus-RS232

- CPU Module: ESP32C3mini-1U (RISC-V single-core 160MHz)
- On board antenna optional (ESP32C3mini-1 WiFi/BLE)
- Flash: 4MB
- Buzzer-8585 x1
- RGB-3535 LED x1
- 5V-3.3V regulator 600mA x1
- micro-B USB x1 (5V-input &, USB-CDC)
- Reset/Boot buttons x2
- mikroE-Bus 8x2pin x1
- SPI-6pin JST2.0 connector x1
- I2C-6pin JST2.0 connector x1
- LED/Photo-sensor x1

- 5V RS232 2ch interface
- LED Tx/Rx x4