

PRODUCT OVERVIEW

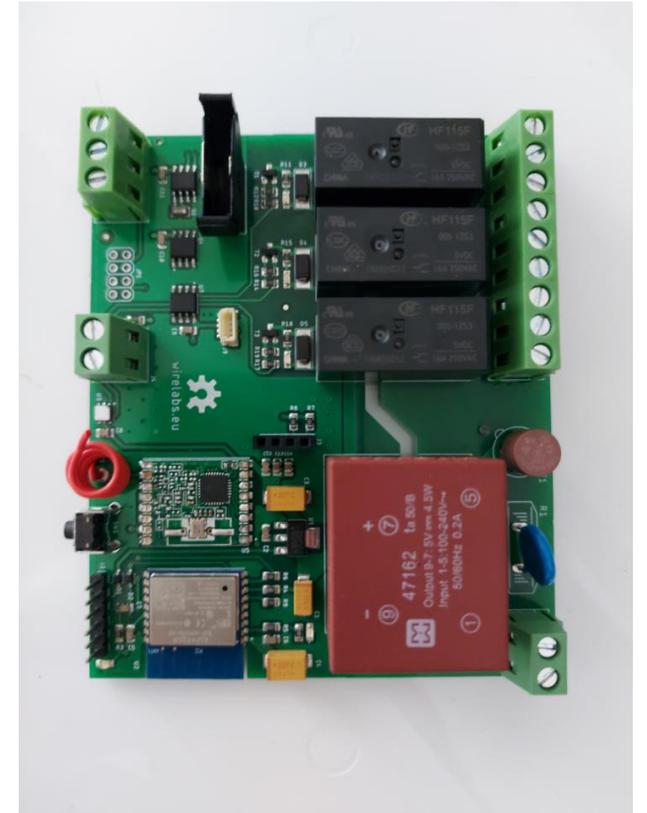
WiRela03



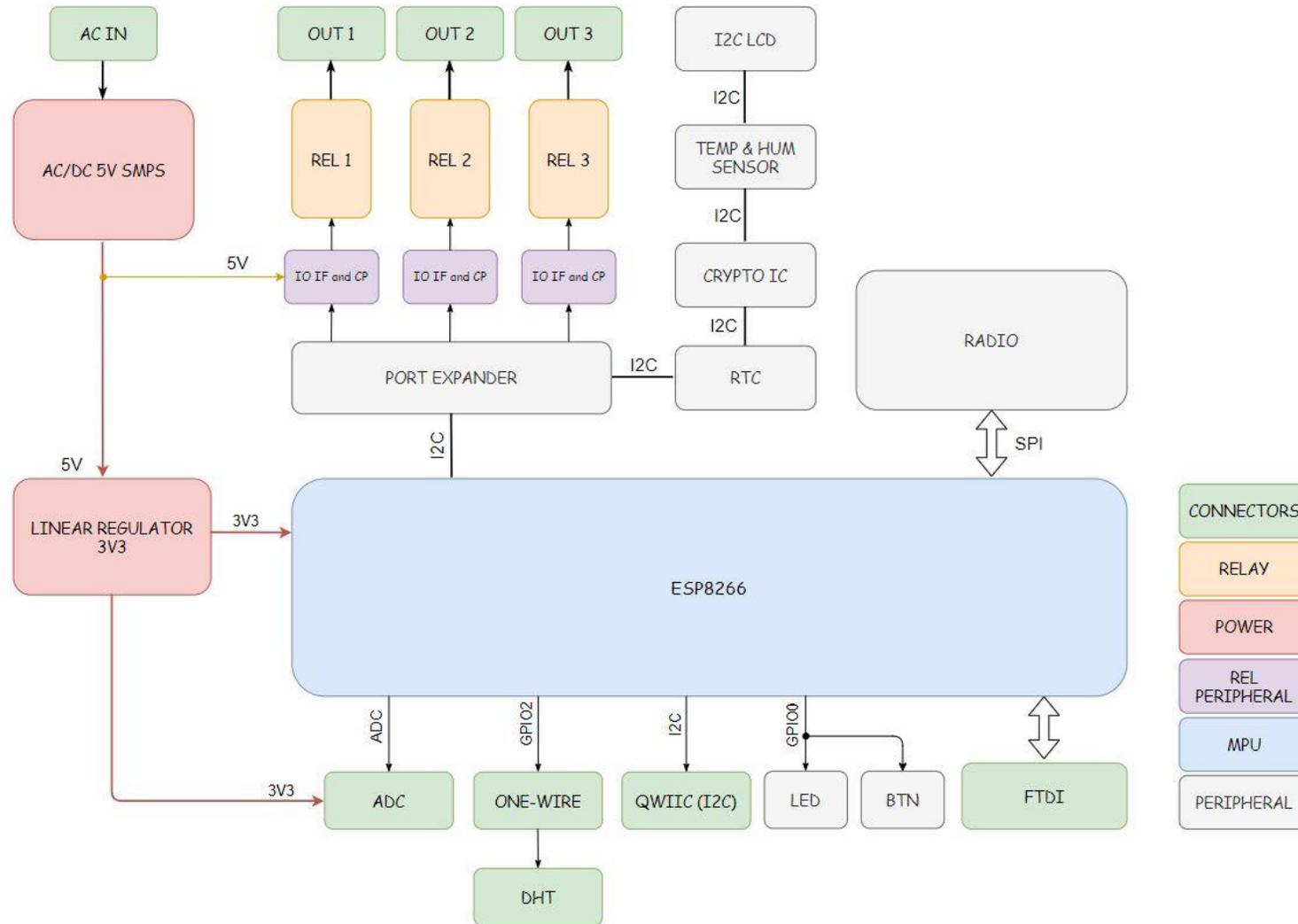
WiRela03

Multi-purpose Wi-Fi Actuator PCB that is designed to fit in an DIN-Rail enclosure. It can be used in many different ways: Main use cases are:

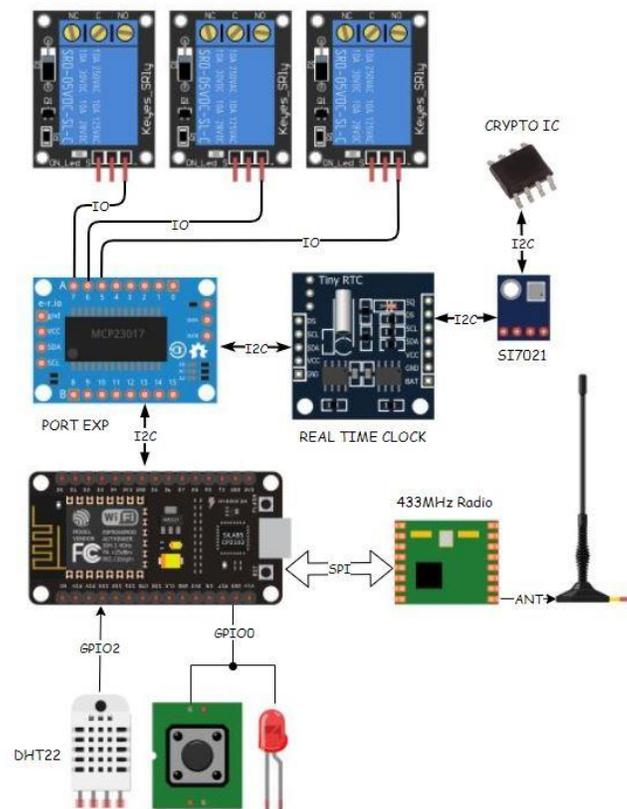
- 1) Wired smart thermostat with weekly schedule
- 2) Wireless smart thermostat with weekly schedule
- 3) Appliance control with weekly or monthly schedules
- 4) Humidity measurement for healthy climate
- 5) WiFi Timer



WiRela03 - block diagram



WiRela03 - features



- 1) Digital wired sensor support (DHT22, DS18B20..)
- 2) Analog wired sensor support
- 4) On-board packet radio
- 5) On-board Real time clock (for offline non-ntp scheduling)
- 6) On-board I2C OLED LCD Support
- 7) On-board I2C extension connector
- 8) Wireless sensor support
- 9) On-board Crypto IC for session keys
- 10) Powered by high-quality universal AC/DC Power supply (90-264 VAC)
- 11) Dry/hot relay contacts

WiRela03-features

Firmware and programming:

- Arduino supported
- Easily available programming headers
- Tasmota flash support
- Custom firmware available
 - Local or remote control (AP or Cloud control)
 - MQTT
 - Direct mode
 - Timer mode
 - Weekly Schedule mode
 - Heating/cooling
 - Humidifying

WiRela03 Images

