433 MHz ASK /OOK to WiFi Bridge

This bridge hardware enables a connection between coded (e.g. EV1527) 433 MHz doorbell push buttons/PIR detectors and Smartphones.

It is easily programmed from an Arduino IDE. Example code is available.

The on-board ESP32-C3 and PT4308 receiver can form an EV1527 decoder and MQTT publishing client, enabling smartphone notifications via an MQTT broker.

Alternatively, the ESP32-C3 can be programmed as a TCP/IP Server, eliminating the MQTT broker.

The device is powered from a standard 5V USB phone charger.

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