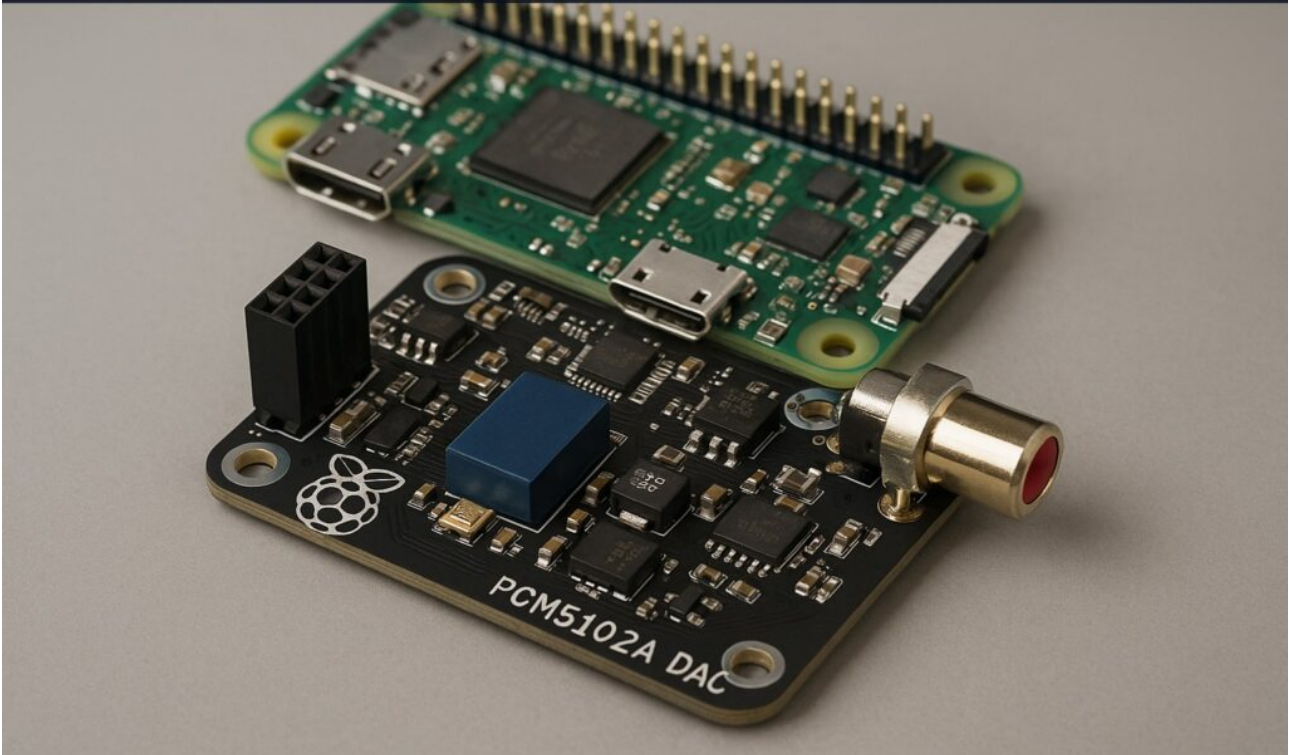


Practical case: Raspberry Pi I2S Network Audio Player

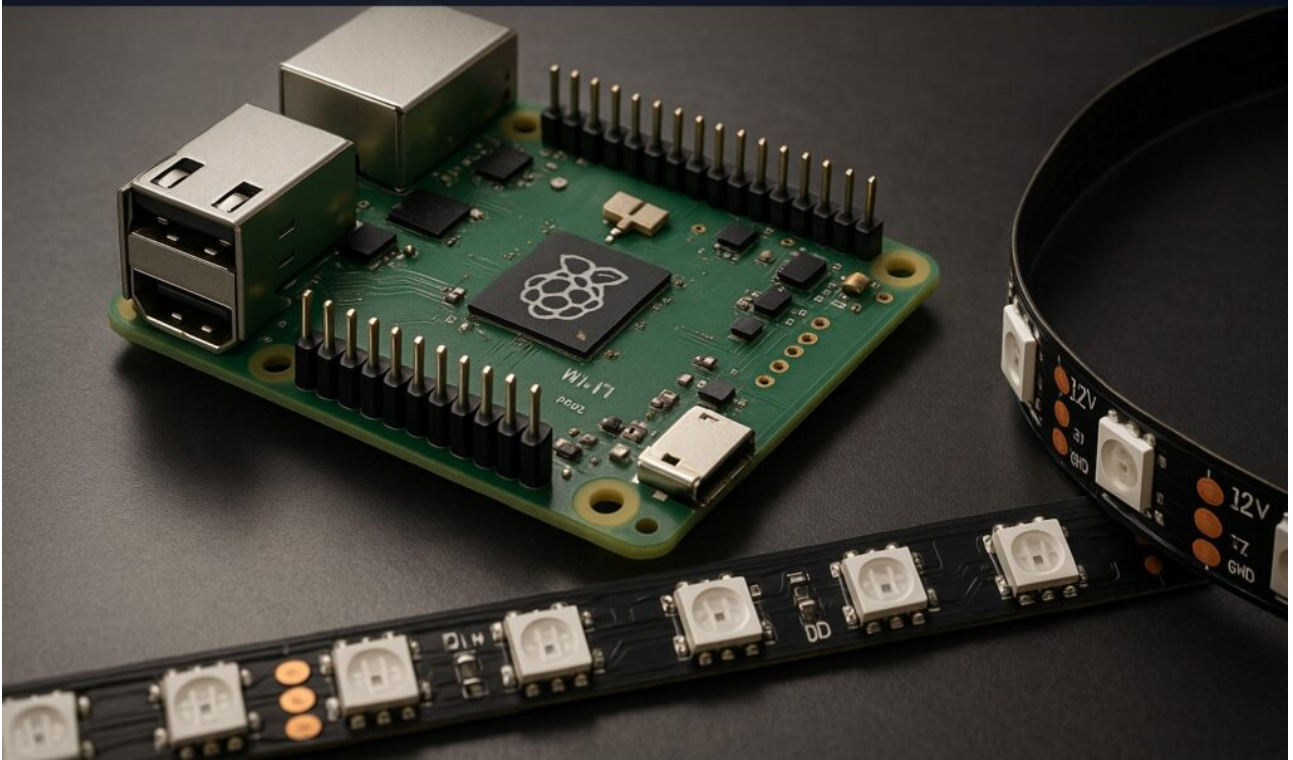
Practical case: Raspberry Pi I2S Network Audio Player



Learn to build an I2S network audio player using Raspberry Pi Zero 2 W and PCM5102A DAC. Perfect for advanced users familiar with Linux and Python.

Practical case: Drive WS2812B LEDs with Raspberry Pi Pico W

Practical case: Drive WS2812B LEDs with Raspberry Pi Pico W



Control WS2812B NeoPixel strips in real-time using WebSocket on Raspberry Pi Pico W. Perfect for advanced IoT enthusiasts seeking low-latency solutions.

Practical case: ANPR with OpenCV on Raspberry Pi 4 HQ Camera

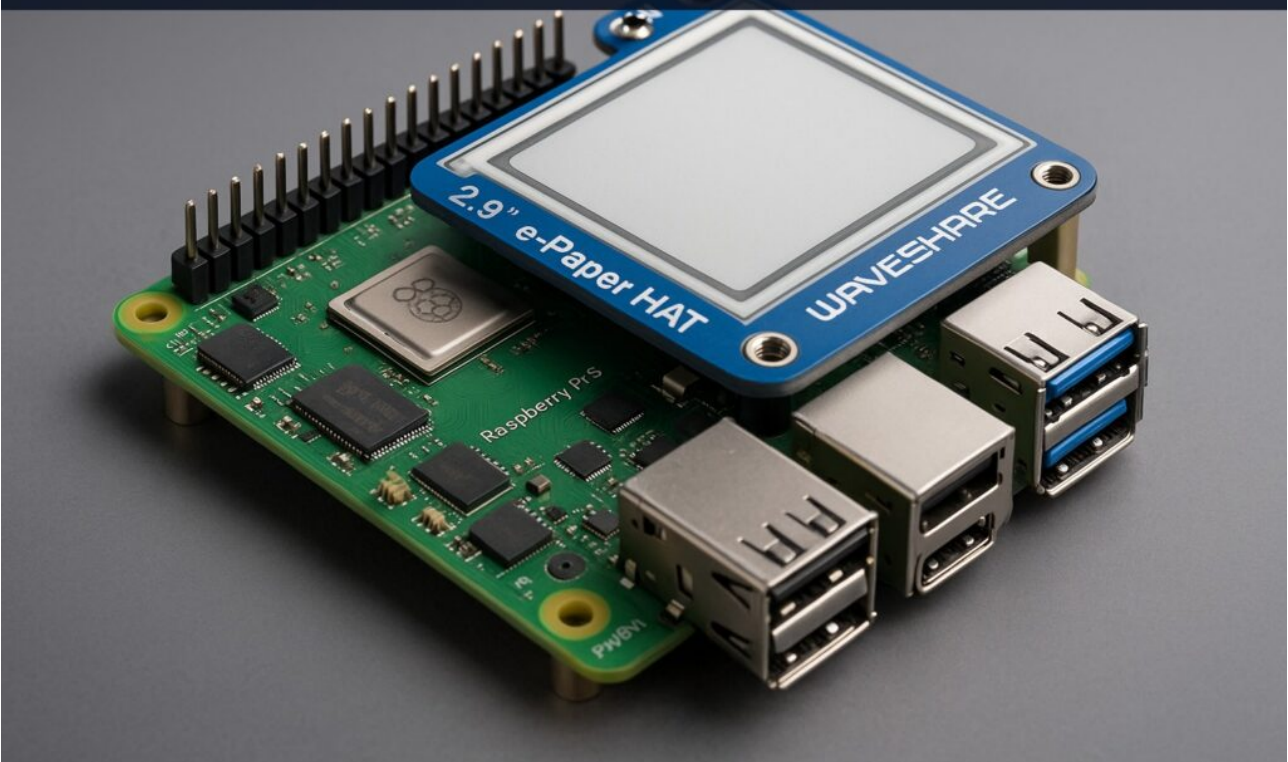
Practical case: ANPR with OpenCV on Raspberry Pi 4 HQ Camera



Build an advanced ANPR system on Raspberry Pi 4 with HQ Camera and OpenCV. Follow our guide for setup, code, and validation steps.

Practical case: Raspberry Pi 5 + Waveshare 2.9-inch e-Paper

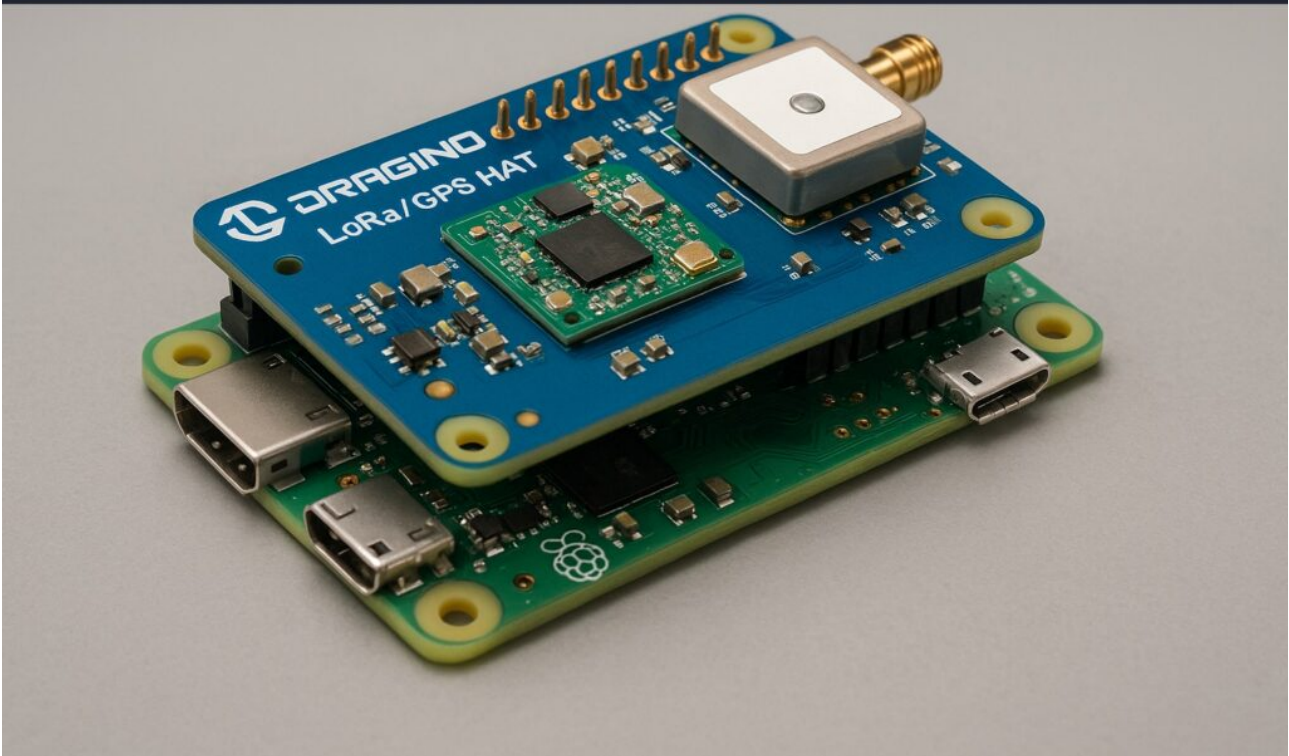
Practical case: Raspberry Pi 5 + Waveshare 2.9-inch e-Paper



Create a live system dashboard on Raspberry Pi 5 with a 2.9" e-Paper display. Learn to use Python and SPI for quick updates and low power usage.

Practical case: RPi Zero 2 W & Dragino LoRa-MQTT bridge

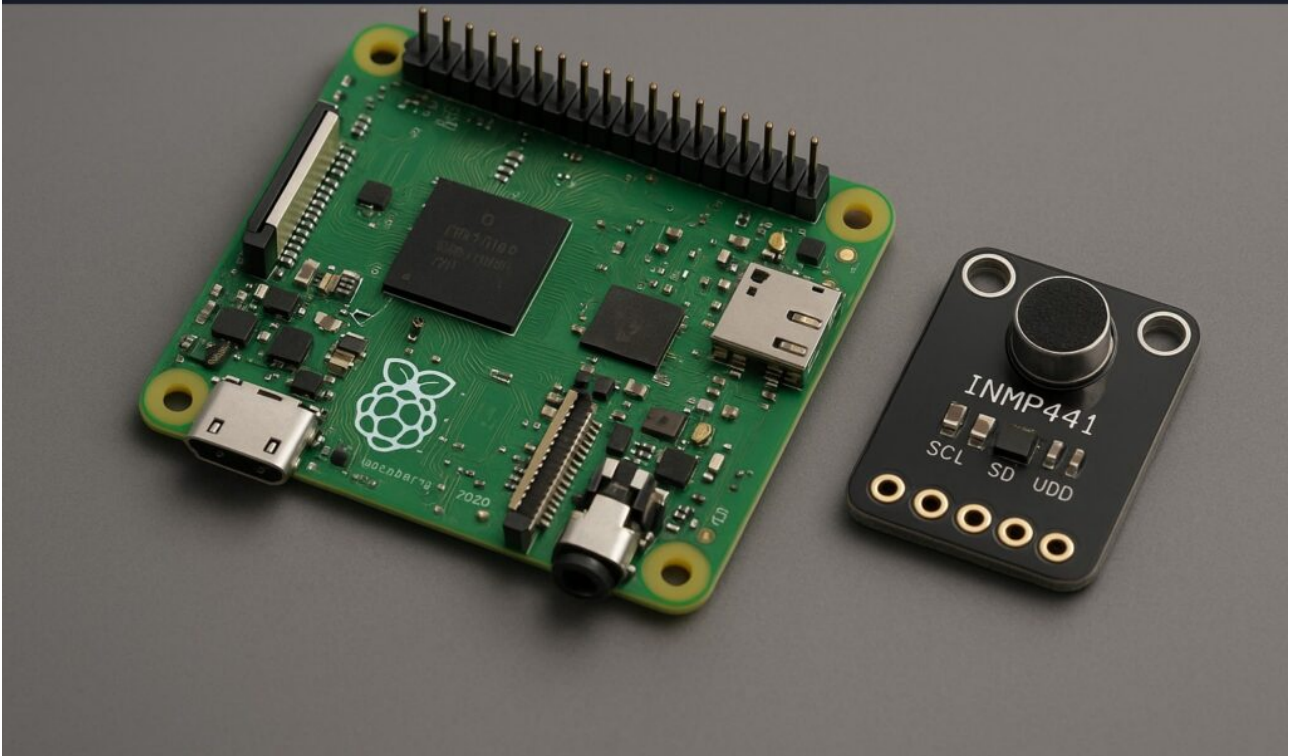
Practical case: RPi Zero 2 W & Dragino LoRa-MQTT bridge



Transform your Raspberry Pi Zero 2 W into a powerful LoRa-to-MQTT gateway bridge using Dragino LoRa/GPS HAT and Python 3.11. Get started now!

Practical case: I2S keyword spotting on RPi Pico W + INMP441

Practical case: I2S keyword spotting on RPi Pico W + INMP441



Learn to build a keyword spotter on Raspberry Pi Pico W with INMP441 mic. Capture audio, compute features, and detect keywords effortlessly.