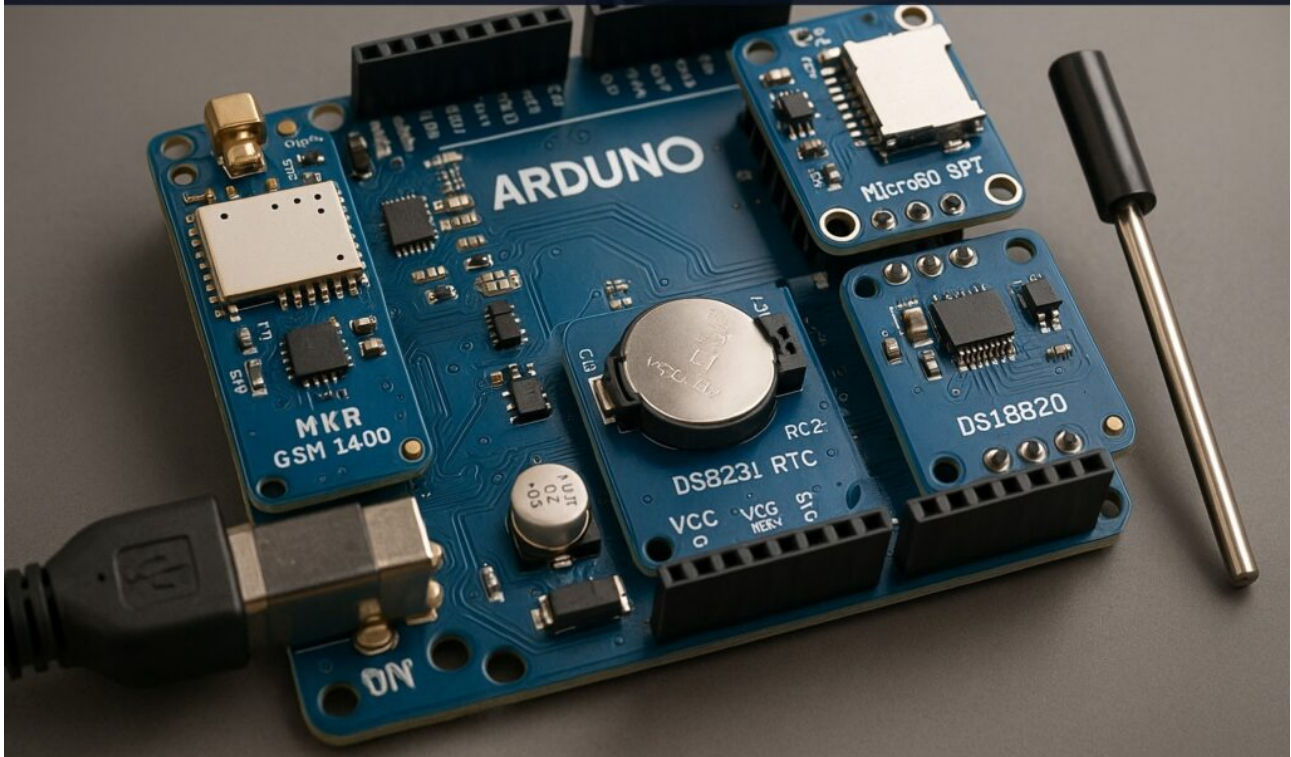


## Practical case: Arduino MKR GSM 1400 Cold Chain Logger

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Build a robust cellular cold-chain data logger with Arduino MKR GSM 1400. Record temperature, timestamp entries, and push data to the cloud.

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## Practical case: Keyword Detection Techniques

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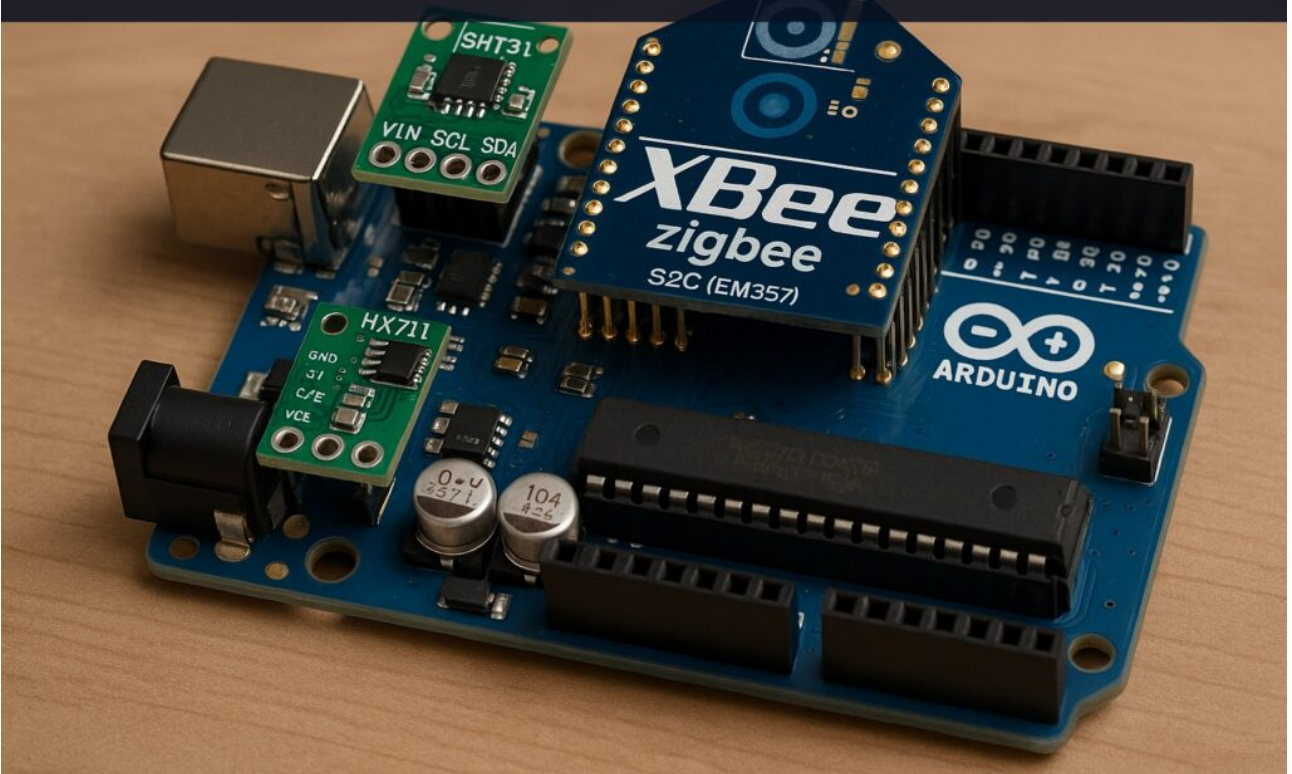


Build a keyword spotter on Arduino Nano 33 IoT with INMP441. Learn wiring, coding, and real-time audio processing in this hands-on tutorial.

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**Practical case: Beehive scale, Arduino, Zigbee/XBee, HX711**

## Practical case: Beehive scale, Arduino, Zigbee/XBee, HX711

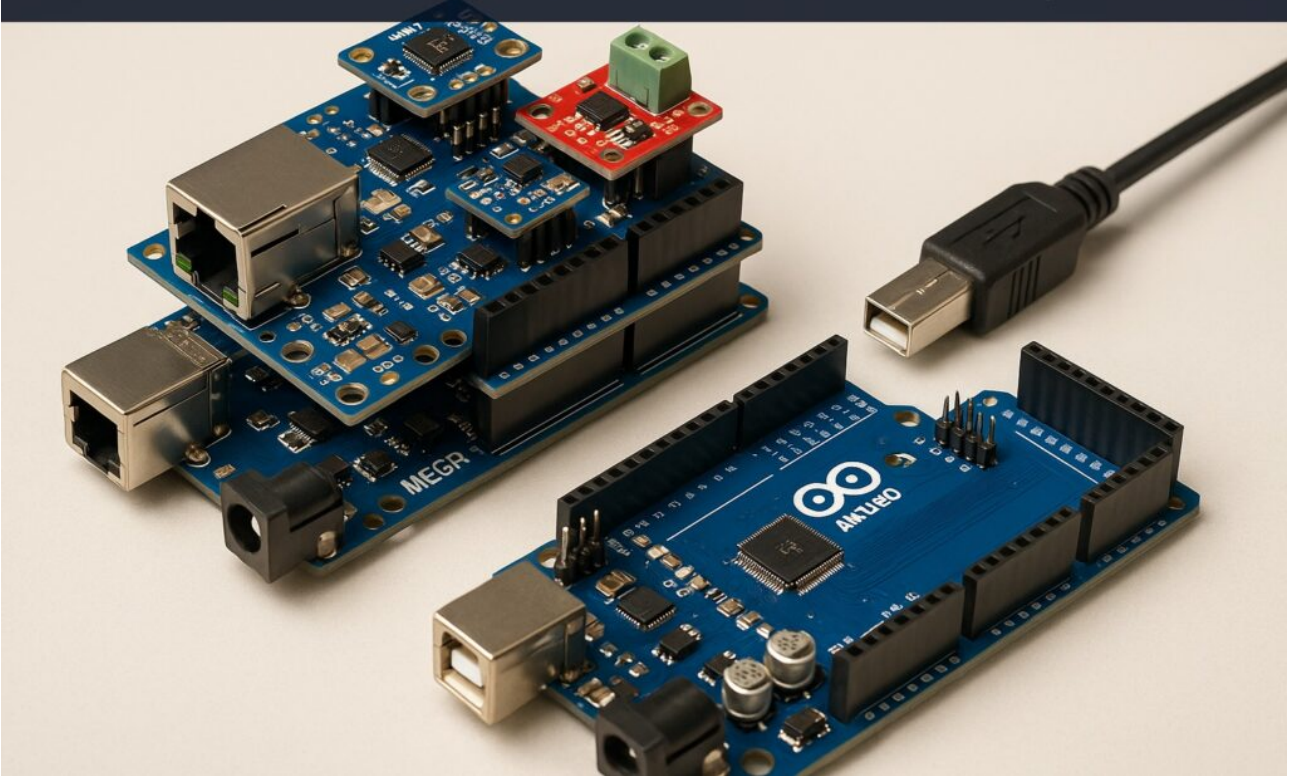


Explore an advanced tutorial on building a Zigbee beehive weight sensor using Arduino, HX711, and XBee. Perfect for experienced makers!

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## Practical case: RS485 vibration FFT with Arduino, ADXL355

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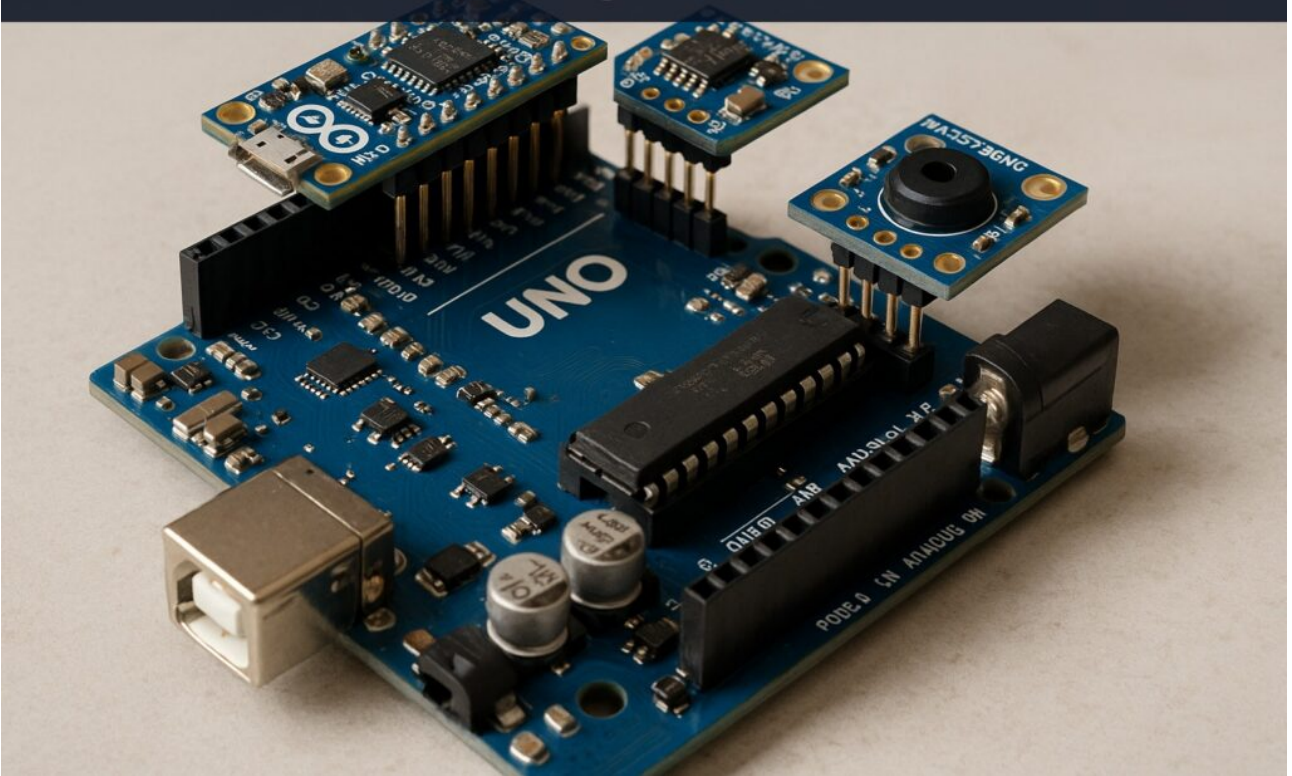


Build a robust FFT vibration monitor using Arduino Mega 2560 and ADXL355. Learn to compute FFT, transmit data over RS-485, and validate results.

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## Practical case: Self-Balancing Robot on Arduino Nano 33 BLE

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Learn to build an IMU self-balancing rover using Arduino Nano 33 BLE Sense, TB6612FNG, and AS5600. Step-by-step guide with PlatformIO.

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## Practical case: Arduino Nano ePaper air quality data logger

## Practical case: Arduino Nano ePaper air quality data logger



Build a low-power air quality logger using Arduino Nano 33 IoT, Waveshare e-Paper, and BME680. Learn to sample, display, and log environmental data.