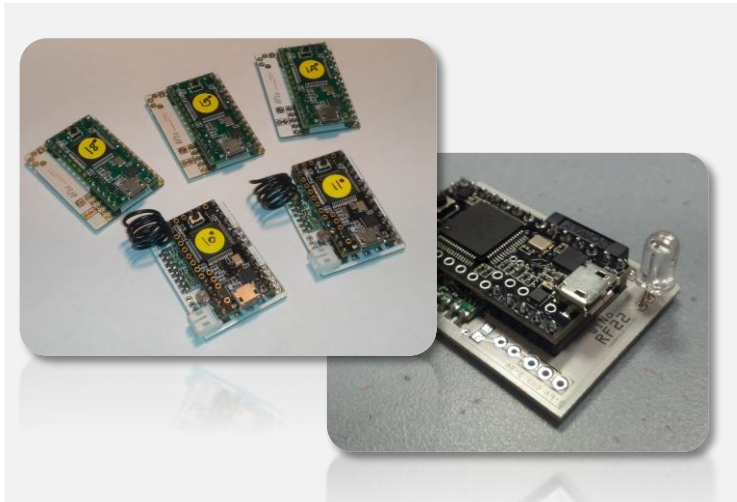


WiNo: fast prototyping platform for energy efficient IoT applications

Building innovative IoT or Wireless Sensor Network (WSN) applications requires custom developments which can severely impact costs and time to market.

DESCRIPTION*

- WiNo is a fast-prototyping platform preconfigured for energy-efficient IoT/WSN applications
- Arduino-compatible hardware and software components
- Fine tuning of network protocols and energy management
- Mesh networking, local and remote shell
- RF transceiver and sensors



Crédit photo : IRT.

TECHNICAL SPECIFICATIONS

CPU	ARM Cortex M4 72MHz
Memory	64kB RAM, 256kB Flash
Dimension	2x3 cm2
Radio	HopeRF TRX RFM22b
Sensors	Luminosity, temperature, battery voltage
LED	PWM RGB

COMPETITIVE ADVANTAGES

- Low-level protocol tuning
- Mesh network support
- Energy efficient
- Arduino® ecosystem

APPLICATIONS

- Smart cities and buildings
- Home automation
- Environmental sensing
- Healthcare monitoring
- Drones fleet communication

INTELLECTUAL PROPERTY

- Copyright

DEVELOPMENT STAGE

- Prototype tested in operational environment



LABORATORY

- IRT team



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