

Are you a young maker with brilliant ideas? Are you an engineer with tight deadline making prototypes? Are you a teacher trying to inspire student's creativity? Are you a designer with little knowledge of electronics? Microduino can help to turn your ideas into realization. **With Microduino modules, everyone is a creator.**

**Microduino** is... Arduino compatible + Small size + Stackable pin-out + Various extension modules + Open source + Cost Effective == **Awesome!**

The purpose of this workshop is to show you how we can help to turn your ideas into realization with our over 50 small, stackable, powerful, expandable Microduino modules.

The Workshop will first briefly introduce Microduino, followed by case studies of design realization in different areas. This workshop will concentrate on various applications and all kinds of cool stuff made with Microduino modules, such as quadcopter, GPS tracker, mini robots, 3D printer, Joypad, open-source watch, smart garden, etc. We will also bring some samples for you to play with.

2012/11/11  
Founded

6  
Continents Users

>50  
Microduino Modules

>300  
Wiki Pages

>500  
Projects Applications

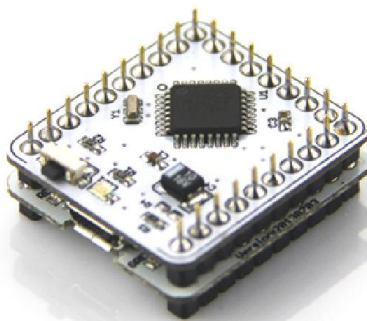
>10,000  
Community Members

## Microduino: Small Size, Great Power!



**Small**

Size is as a quarter



**Joyful**

Great Fun

**Modular**

Stackable  
Electronic bricks

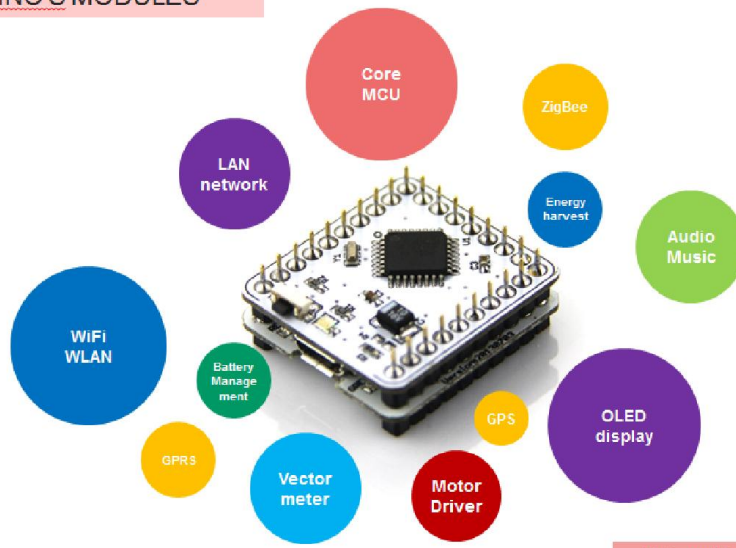
**Powerful**

Extensive  
applications

**Smart**

UPin27 + HPin52 +  
HPin88

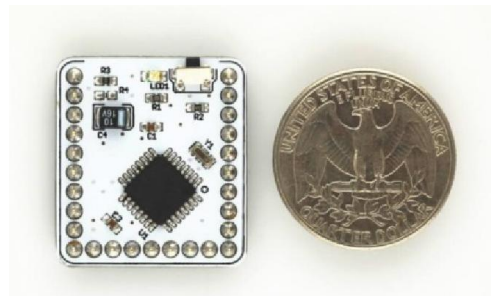
# MICRODUINO'S MODULES



Microduino | A Product Of MakerModule | Confidential

All the modules are available now is Microduino website or wiki <http://wiki.microduino.cc>

## SMART MODULES THAT CAN BUILD ANYTHING!

Idea → Realization → ... ..

**Idea Checklist**

**Portable Speaker ?**

1. Input ( Button )
2. Media Player ( MP3 Decoder )
3. Storage ( SD Card )
4. Output ( Speaker )
5. Volume ( Amplifier )

**Module Checklist**

**Realization!**



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Idea → Realization → ... ..

**Idea Checklist**

**Blue Tooth LED Lights ?**

1. LED Bulb
2. Input ( Cell Phone, Blue Tooth )
3. Control ( MCU )

**Module Checklist**

**Realization!**



Idea → Realization → ... ..

**Idea Checklist**

**Internet Weather Station**

1. Control ( MCU )
2. Internet ( Wifi )
3. Display ( OLED Screen )
4. Sensor ( Humidity, Air Pressure, PM2.5, Illumination )

**Module Checklist**

**Realization!**

