



▶ ANTS

## 6LOWPAN BOARD



### ELECTRICAL

**Supply** .....powered by connector (3.3V)

**Consumption** ..... max. 300mW

### MECHANICAL

**Dimensions** ..... 36 x 45 x 6 mm

**Connectors** ..... 5 points connector for flash programming

**User interface** ..... 2 push buttons (reset and programming)

**Antenna** ..... integrated

### ENVIRONMENTAL

**Storage temperature** ..... -20 to 70°C

**Operating temperature** ..... -10 to 60°C

### NETWORK

**Network interface** ..... 2.4 GHz

**Compatibility** ..... IEEE 802.15.4

**Range** ..... up to 100m range

### ACCESSORY

**USB stick accessory for laptop connectivity**

### SOFTWARE

**Drivers for LabVIEW Embedded for ARM (including all set of command for coordinator, router or end device)**



### WHAT IS ANTS?

Enough of embedded systems dedicated to electronics?

ANTS is a concept where the user only have to care about what he wants to do and not how to use the programming tool.

With the LabVIEW programming, you can in a few clicks begin to make acquisition and communication without having hours of training and nights of debugging.

With its small size (3.5cm by 3.5cm), you can embed ANTS wherever you want and its ARM core processing allows you high reliability and low consumption for battery usage.

Its stackable concept makes the addition of new features easy and the entire platform may be customizable to your usage. You don't buy what you don't need!

Check our web site for price list

[www.s-te-p.com](http://www.s-te-p.com)

Ordering Information		
Products	Ord. No	Comments
Base Kit	75-001	Included a power board, a CPU board, a JTAG board with LabVIEW drivers
Wireless board	75-104	Provides wireless features based on 6LoWPAN
USB stick	75-106	Provides wireless features to your laptop for ANTS network



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