

# JN5169XK010: ZigBee Generic Node Expansion Kit

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Overview

Specifications

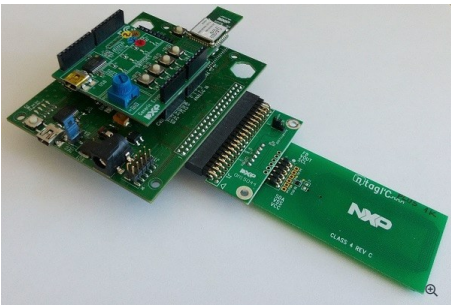
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## Overview

The JN5169XK010 expansion kit contains components that form a ZigBee node based on the NXP® JN5169 wireless microcontroller. The node provides switch, level control and LED functionality. It can participate in a ZigBee wireless network which may, for example, be created using components of the [JN516x-EK004](#) or JN516x-EK001 ZigBee Evaluation Kit. It can be introduced into the network via ZigBee commissioning or, optionally, via NFC commissioning using the NTAG® IFC kit (available separately).

Pre-programmed software:

[More](#)



## Specifications

### Supported Devices

#### Wireless Connectivity

##### Zigbee

- [JN5169](#) : ZigBee and IEEE802.15.4 wireless microcontroller with 512 kB Flash, 32 kB RAM

### Technical and Functional Specifications

Connectivity	Carrier Board (OM15043) to accommodate the expansion board and JN5169 module
	<ul style="list-style-type: none"><li>• Adaptor (OM15044) for connecting an NTAG® IFC antenna board (not included) to the Carrier Board</li><li>• USB cable for connecting the node to a PC (e.g. for programming purposes)</li><li>• JN5169 module (JN5169-001-T00) with integrated PCB antenna for 2.4 GHz operation</li></ul>
Expansion Ports	Generic Expansion Board (DR1199) featuring 4 switches, 4 LEDs, and a potentiometer

## Target Applications

- ZigBee On/Off Switch or On/Off Light Switch
- ZigBee Dimmer Switch
- ZigBee Occupancy Sensor (simulated)
- ZigBee On/Off Sensor (simulated)

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