

# ZigBee®

## Wireless Solutions

Indesign has been an adopter member of the ZigBee Alliance for many years. Our team is a 3rd party design partner for many of the most widely accepted ZigBee chipset providers and can help you implement these solutions into your products. We have integrated modules into existing products, designed custom modules, and incorporated ZigBee radios directly onto the main printed circuit board of other products.

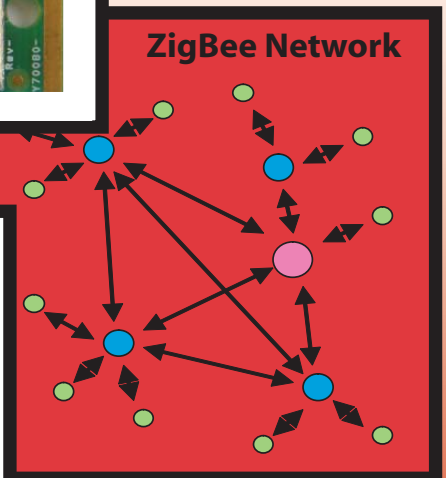
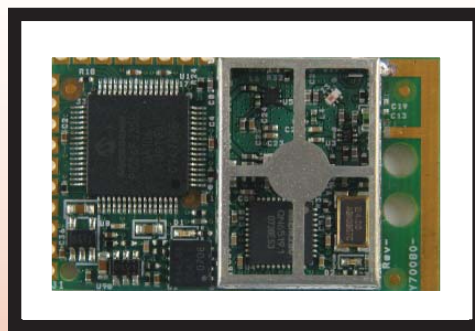
We will work with you to identify the best wireless solution for your application. ZigBee provides mesh networking capabilities and device inter-operability that are required by many products. In some cases a full ZigBee stack implementation may not be required – a better solution may be implementing a custom protocol using the underlying 802.15.4 standard for ZigBee. Our engineers are prepared to help you add wireless capability into your existing product line or we can help you create a new product line with features and functionality that a wireless technology like ZigBee can offer.

### Indesign Capabilities

- Full turnkey product design
- Experience with major chipset providers
- Custom antenna development
- Software stack integration
- State of the art equipment
- Fully equipped labs and on-site screen room
- Product prototypes and models
- Product testing and system verification
- Assistance with product certification

### Products and Applications

- Home automation
- Industrial automation
- Energy management
- Security and access control
- Medical devices
- Remote sensors
- Lighting controls
- Asset management
- Consumer electronic remote controls
- PC peripherals



\*Zigbee is a registered trademark owned by its proprietor and used by Indesign under license.

### About Indesign:

Indesign is a multi-discipline engineering design firm that provides full turnkey electronic product development to allow clients to get their new product ideas into the market quickly. Indesign offers complete product development capabilities, starting with a product concept and finishing with a ready-to-manufacture design. Indesign has an ISO certified product development process and a proven track record for on-time, on-budget, high quality product realization.

Indesign provides specific design engineering services and expertise in electrical design, RF/wireless design, embedded software design, and mechanical design. Indesign also provides engineering services and expertise in a variety of other technical areas including systems engineering, human factors, project management and product validation testing. Indesign engineers can complement a client's in-house design engineering staff, working in partnership with clients on joint development projects.



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