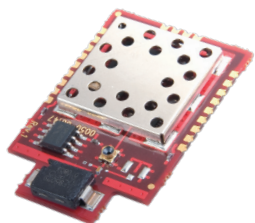


# ZB2430-ZigBee®

## PRODUCT RANGE LINE CARD

### SIMPLE, ROBUST, AND APPROVED – THE FASTEST ROUTE TO WIRELESS MESH

- IEEE 802.15.4 and Designed for ZigBee
- Excellent Selectivity for Improved Coexistence with Wi-Fi
- Over-the-Air Download (OAD) Firmware Upgrades
- Easy GUI Configuration and Optimization Utility



### ZB2430 FAMILY

#### SPECIFICATIONS

Form Factor	Surface Mount
Output Power	100mW (FCC/IC): 40mW (CE)
Outdoor Range	4.8 km (100mW Ext Ant): 1.5 km (40mW Ext Ant)
Consumption	7.6 uA sleep - 140 mA max
Sensitivity	-100 dB typical
Serial Data Rate	Up to 115 bps
RF Baud Rate	250 kbps
Frequency Band	2.4000 – 2.4835 GHz
Temp Range	-40°C to +85°C
Size	25.4 mm x 40 mm x 4.1 mm

### ZB2430 DEVELOPMENT KITS

#### SPECIFICATIONS

40mW (CE approved)	SDK-Z040S1*F
100mW (FCC/IC approved)	SDK-Z100S1*F
40mW w/ Commissioner	SDK-Z040S1*F-M
100mW w/ Commissioner	SDK-Z100S1*F-M

### ANTENNA OPTIONS

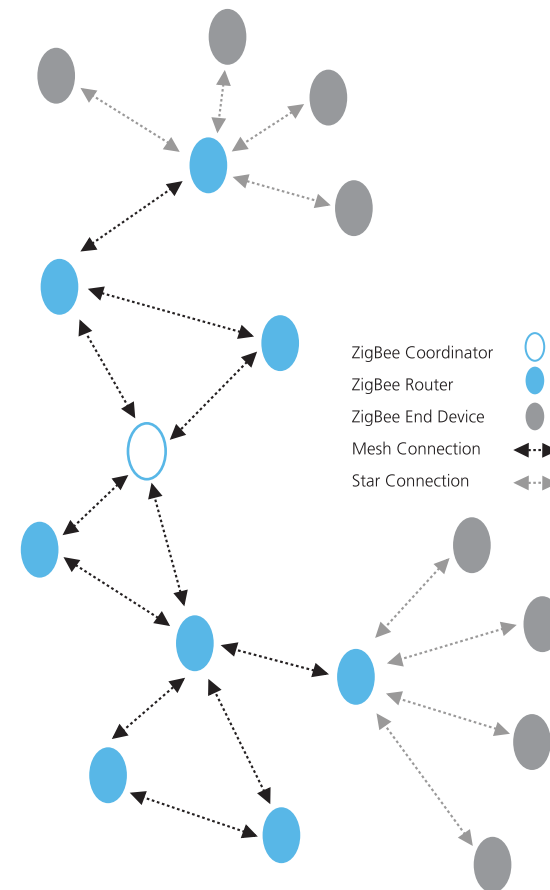
#### SPECIFICATIONS

Integrated 2dBi ceramic antenna	*= A
u.FL Connector for external antenna	*= U

### ORDERING INFORMATION

#### SPECIFICATIONS

Coordinator	Z100S1*FC / Z040S1*FC
Router	Z100S1*FR / Z040S1*FR
End Device	Z100S1*FE / Z040S1*FE
Commissioner <sup>1</sup>	Z001S1*FM / Z040S1*FM



1x Coordinator Module,  
3 x Router Modules, 1 End Device,  
1 Commissioner (in -M kits),  
Software, and Evaluation Boards

Additional Evaluation  
Boards Available.

<sup>1</sup>Required for Over-the-Air  
Firmware Upgrades Only.

For more information contact  
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