



ZM01: ZIGBEE MODULE

Product Description:

ZM0x is the ultra small module designed in with Texas instrument[®] CC2530. CC2530 is a complete 2.4-GHz RF System-on-Chip solution supporting IEEE 802.15.4 and integrates a high-performance RF transceiver, 8051 MCU, 8 KB of RAM and up to 256 KB of Flash memory to enable robust, reliable wireless networks

Key Features:

- Pin-to-pin compatible with InnoComm CC2541 BLE module.
- Integrated with high performance & low power MCU 8051
- Pre-integrated with InnoComm TI Sitara™ AM335x and OMAP™ development board



Specifications

- **General**
 - 2.4GHz IEEE 802.15.4 Compliant RF transceiver
 - Programmable output power up to + 4.5dBm
 - Accurate digital RSSI/LQI support
 - Data rate up to 250kBank
 - 128KB in-system programmable flash
 - 2pcs 64 bytes FIFO for TX and RX buffer
 - Supports ZigBee 2007 Pro protocol stack
- **Electronic**
 - Frequency band:
 - Channel: 16
 - 26 pins: pin-to-pin compatible with InnoComm TI CC2541 BLE (BM05 series) module
 - Interface: GPIO/ADC
 - Supply voltage: 1.8~3.6V
 - Temperature Range: -40C - 85C

Product List

Product List	ZM01_AN	ZM01_AN_PA
Description	ZigBee module with on board chip antenna	ZigBee module with on board chip antenna and PA
Size (mm)	18x10.5x1.9	22x10.5x1.9
Pin count	26	26
I/O	GPIO x18 (Can be configured to Max. 4x UART)	GPIO x13 (Can be configured to Max. 4x UART)
Power (dBm)	4.5 dBm	22 dBm



Ordering information

Please email to innocomm@innocomm.com or call +886-3-5781868 for more information.

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