

Operational Description

Product : **Low Cost ISA100 Radio Module (51306799-001)**

FCC ID: S5751306799

Low Cost ISA100 Radio Module is 2.4GHz band 802.15.4 Radio. This module includes 16 Bit Microcontroller which is interfaced to a 802.15.4 compliant Radio Transceiver to provide Wireless communication over 15Channels of 2.4GHz band. The module also includes RF Power Amplifier and RF Low Noise Amplifier to enhance the range of Wireless Communications. The Module can communicate with the target boards through its connector over SPI. It can send out or receive, data - sent by or sent to, the target board through this SPI connection. Protocol specific

Modulation/De-Modulation is done Microcontroller and the 802.15.4 packet is taken care by Radio Transceiver on the Module.