

Home Work

I2C-ZigBee Simulation

I. THEORY: (max 01 pages)

Explain the ZigBee protocol and its concurrent place in the IoT world.

II. ACTIVITY: (max 01 pages)

1. ZigBee simulation

Using Proteus, simulate a connection between two Arduino boards using ZigBee-compatible components as indicated by the diagram in Fig.1.



Fig 1.ZeegBee Connection

2. I2c simulation

Using Proteus, simulate a connection between two Arduino boards using I2c protocol (the LED and the pushbutton are connected as shown in Fig.1.)

I. CONCLUSION