

Bluetooth Trainer

Introduction

The Blue tooth Trainer is designed for students & Researchers in the field of RF and IT engineering to understand the basic concepts of Blue Tooth Technology. Blue tooth system having range up to 10 meters and fully compliant for Data Communication.

Technical Specification

- Graphical LCD display
- Blue tooth enabled devices detection
- Designed considering all the Communication Standards
- Data Generators is provided on -board
- User friendly software
- Equipped with UART & USB port
- Computers independent Training System
- Test points are provided to observe signals
- Carrier Frequency 2.40 Ghz to 2.48GHz
- Bandwidth 80 MHz
- Modulation GFSK, 1Mbps
- No of Channels 79
- Channel Interviews 1MHz
- Frequency Hopping 1600 hops/sec
- Transmission Range 10 meters approx
- Output Interface UART & USB
- Power Supply 230V \pm 10%, 50Hz
- Operating Voltage 5V
- Operating Temperature Range -20° C to 85° C
- Antenna Whip Antenna

Experiments

- Study the functioning of Blue tooth Trainer
- Pairing of Slave unit with Master unit using software
- Study of AT commands
- Data Communication using UART
- Data Communication using USB
- Study of Communication using internal data



All The Technology You need

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