

RF Application System

Key Features

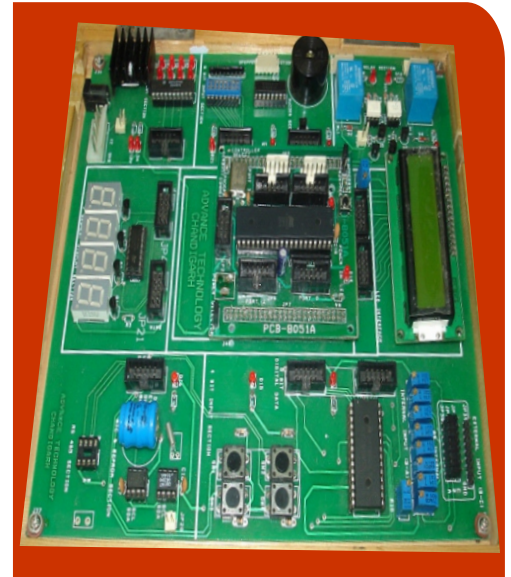
This Board Is designed to Learn the Fundamental for RF Transmission and Reception and control the device using microcontroller .so to Remote control application using RF Can be Developed using this tool .

Technical Specifications

- 434 Mhz RF receiver & transmitter
- 4-bit key pad for inputs
- 4- bit o/p indicator on LED
- I/P & O/P on available on expansion connector
- Power LED indicator
- Address selection thru two 8 pin Dip switches
- 8051 Micro controller with ISP features.
- In Circuit programming and serial communication through PC.
- E2PROM with 1² C interfere with capacity of 4K.
- RTC with battery backup.
- One +5V relays with isolated O/Ps.
- All interrupts available on header.
- 16 X 2 LCD
- 8 I/Ps from DIP switches.
- 8 O/Ps available on LED's.
- 4 multiplexed 7- segment displays.
- Win Xp based driver software for programming in C
- External reset switch.
- On board buzzer.

Experiments

- Study of RF Tx. and Rx. Module
- Inter facing of RF Module with processor /controller
- Transmitting & Receiving of data in wireless mode .
- To control remote devices within 5 to10 meter range



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