

Wi - Fi (IEEE - 802.11b) Application Kit

Introduction

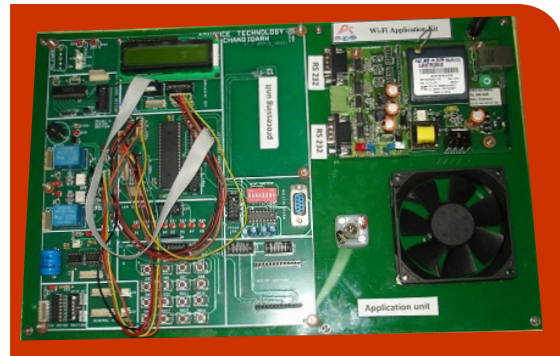
Wi-fi Trainer is designed to learn Fundamental operation for Wi-fi data Transfer . Configuration of wi-fi Transmitter and receiver . To control the devices using wi-fi Server .

Technical Specifications

- PCMCIA wireless LAN card (IEEE 802.11b)
- 16 Bit socket for infrastructure and adhoc.
- Facility for RS232, 422, 8452 Ethernet conversion.
- Configuration monitoring tools through Ethernet.
- Configuration tools through Serial.
- AT command Set-Protocol support RFC2217,
- telnet com port control protocol.
- Wi- fidevelopment board with access point.
- Compact Flash Wi-Fi Card , libraries , etc.
- RS-232 to Wi-Fi conversion, Wi-Fi scanner
- Based on MCS51 processor at 11.0592 mhz clock,
- 64k Flash memory, 32 Digital I/O
- With real-time clock , E2PROM 4K (support I2c bus)
- Sample programs and experimental manual serial port
- On board relay & buzzer interface for switching devices

Experiments

- How to confiture wireless router?
- How to assign IP address to wifi Device modem?
- How to get configured wifi device in wired LAN mode?
- How to configured WIFI device in wireless LAN mode?
- How to configure wifi device through serial port.
- How to Send data between wifi device server and processor unit in wired and wireless network?



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