



RF12ED

RF Module TX RX 433 Without IC



- This RF module comprises an RF Transmitter and an RF Receiver. The transmitter/receiver (Tx/Rx) pair operates at a frequency of 433 MHz. An RF transmitter receives serial data and transmits it wirelessly through RF through its antenna connected at pin4.
- The transmission occurs at the rate of 1Kbps 10Kbps. The transmitted data is received by an RF receiver operating at the same frequency as that of the transmitter.
- This low-cost RF transmitter can be used to transmit signals up to 100 meters (the antenna design, working environment, and supply voltage will seriously impact the effective distance). Its good for a short distance, battery power device development. 433 MHz is the operating frequency for transmitter and receiver pair.
- Wide input supply (2.5 V to 12V)
- Easy to integrate (V+, GND, and Data)
- The device in deep sleep mode when Data pin is grounded