

UC7202T DESIGN DESCRIPTION

Low-powered remote control is used as controller of ceiling fan speed , wind blows and light

The transmission is powered by 12V 23A battery and works on 303.875MHz (+/-150KHz) single fixed frequency. Details of circuit diagram and block diagram are shown on the attached sheets

Transmission controls speed and light of fan through 12 bit encoding connection signal, 5 buttons and 4sets switch. The carrier wave is made by saw oscillator through NPN R/F amplifier

Controller 5 sets 5bit combination from 12 bit to control fan speed HI, MED, LOW, OFF, LIGHT. To create 16address from 4bit to avoid interference.