

UC7086T 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 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, 7 buttons and 4sets switch. The carrier wave is made by saw oscillator through NPN R/F amplifier

Controller 7 sets 6bit combination from 12 bit to control fan speed HI , MED , LOW , OFF , REVERSE , UPPER LIGHT , BUTTON LIGHT. To create 16address from 4bit to avoid interference.