

Circuit Description

Model No.: SP-500(LCD Two-way Remote Controller)

Transmitter Model No.: SP-500(LCD Two-way Remote Controller) is two-way wireless remoter control transmit device with LCD display screen, it has six key with control signal. Transmit encode system of the device use an advanced encode chip, and the modulation of radio frequency use a crystal control frequency modulation, circuit consisting of the following:

- 1, The radio control signal is produced and encoded by a encode signal generator-MSP430F413.
- 2, The RF signal is produced and modulated by oscillate circuit-RF12 with 10MHz oscillistor.
- 3, The 433.92MHz RF signal is transmitting by antenna via a RF power amplifier and filter.