

7098A-200ULRF_Operational Description

The product uses PSK method. It finishes data code by professional code CMOS, Local-Vibration produces high frequency signal with 433.92MHz, the data signal and the high frequency signal from local-vibration finishes the modulating of impulse switch method, then come into being a high frequency PSK. The power amplifier finishes power magnifying, then the matching transmission antenna finishes the transmission of wireless signal.

The transmission part will be finished signal rectifying firstly by the switch-circuit with Q1,Q2 components. Local-Vibration is composed by a voice-resonance equipment, when it feels any actuation signal, start to vibrate at once and produce the high frequency signal with 433.92MHz, The magnifying circuit that is composed by Q3,R9,R10L components finishes power magnifying and the later antenna part finishes the transmission of matching and coupling, then finishes the signal wireless transmission function for the transmitter.

For the receiver part, it uses a professional code SC2262 that can finish data signal code. It has 7-way adjustable address methods to finish code conversion, adjusting method is high and low voltage exchanges each other.