

# Theory of Operating

## EMITTER OPERATION DESCRIPTION

1. Emitter Power Voltage: DC 12V
2. Modulating manner: AM
3. Emissive Frequency: 27.145MHz

**4. Work process:**

While connecting the power switch, D1(IN4148) output power steadily to IC2(78L05). IC2 outputs power steadily to IC1(PIC16F676) then four kinds of codes for right-and-left, Fore-and-aft and speed separately, Q4(9018) and crystal XTL2(27MHz) produce carrier frequency and transmit the two codes to Q5(C2314)、L2、C11、C12、L3、C13、L4. After amplified and leached, they were sent out by antenna out to space.