

# DESCRIPTION

## EMITTER DESCRIPTION

1. Emitter Power Voltage: D.C.3V
2. OSC Frequency: 3.58MHZ
3. Emissive Frequency: 315.00MHZ Modulating manner: AM
4. **Work process:**

While turning the power switch to ON, the CPU U1 (The frequency of U1 is 3.58MHZ) output a singal through R5 to RF modulate circuit, when rock SW1. Then, RF circuit occur 315.00MHz signal by Q3 and modulate data and transmit through ANT (Loop form).

## RECEIVER WORKING PROCESS

- 1- Power voltage: PSII game set self power supply (DC 3v and DC7V)
- 2- Receiving manner: AM
- 3- Signal is input via C6 coupling-in from the PCB loop antenna, to receiver modul(3400), The received different action code input to IC2(Rx decode the decode cpu frequence 3.58MHz via R19), decode left hand, right hand, left foot, right foot function control signal. And up, down, left, right button on mat, to control game virtual man action and dirction via IC1 (PS control IC).

When rock the sensor on hand and foot, the game's virtual man has same action at one time.