

Circuit Description

The receiver (Model NO.: N4CO-005) used the peripheral supply voltage, is mainly controlled by MCU ZPD20S2, the antenna receive the signal (ch1~ch75, the frequency range from 2402MHz to 2476MHz), to the RF Modulation ZPM000N, a embedded 12MHz crystal supplies timer clock for the RF Modulation ZPM000N, Connect LED is used to indicate the receiver working status, The signal is pass by part of RF modulation, Oscillate is used to detect High Frequency Oscillation Signal, Mixer is used to detect Signal Emendation & High Frequency Oscillation Signal, Demodulator is used to break out Modulate Signal (from Mixer), Decode part is used restitute the control signal. RF modulation get the message of MCU ZPD20S2 from Remote, the signal pass to Oscillate & Mixer, the Demodulator break out Modulate Signal, after Decode part, the MCU ZPD20S2 send the finally control signal to control the WII expansion jack, for example motors and servos.