

## **DESCRIPTION OF OPERATION**

The encoder generates a digital code serially transmit (typical designation) when press button into the Central Processor Unit HCS300. The serially digital signal mixed with the carrier by way of ASK mode (Frequency Modulation) and is sent to the Transmitter antenna. That means the pulse (at high level state) will trigger the oscillator to generate a frequency of 315MHz.

Antenna is printed in the PCB

The transmitter is powered by the 3V battery.