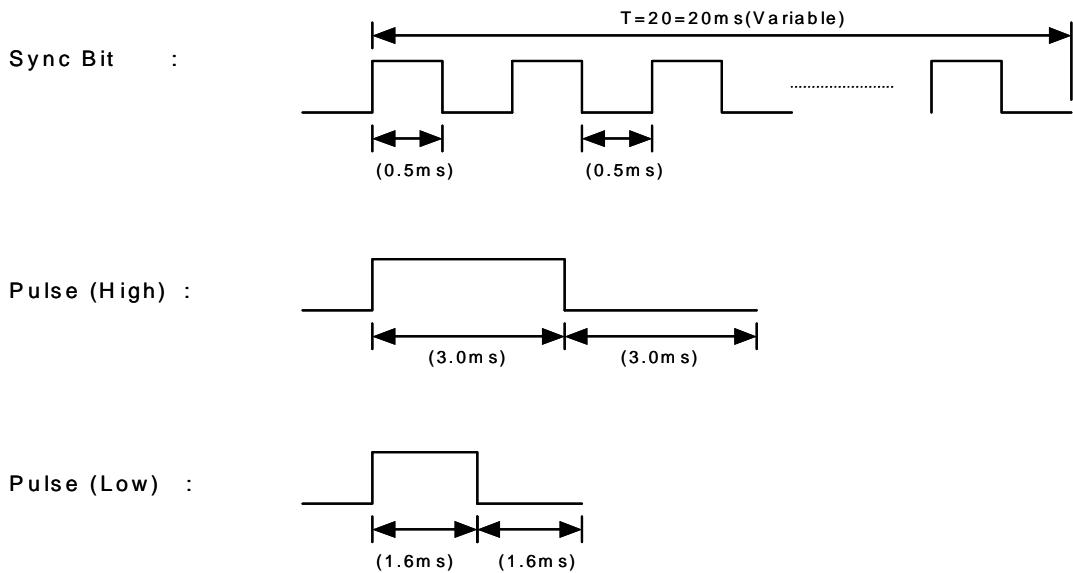


Description of Circuit operation

- Product : Home Security System(PIR Sensor)
- Model : T-PIR

If the invader is placed in PIR perception area , the encoded modulated signal is transmitted through antenna.

The coding format of encoded IC for modulation is as follows.



Pulse train time :

- Sync Bit : 20ms
- All pulses are high (Maximum 24 Bit) : 144ms
- All pulses are low (Minimum 24 Bit) : 76.8ms
- Pulse train Time (Maximum) : 164ms
- Pulse train Time (Minimum) : 96.8ms

The maximum 6 times pulse train will be transmitted for receiver ;

- Total pulse time (Maximum) = $164 \times 6 = 984\text{ms}$
- Total pulse time (Minimum) = $96.8 \times 6 = 580.8\text{ms}$