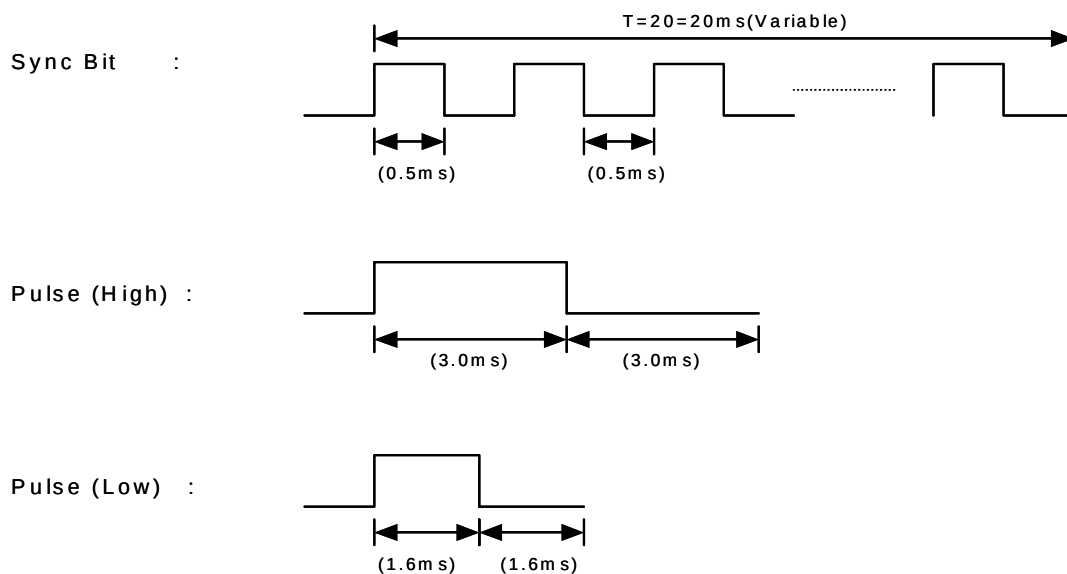


Description of Circuit operation

- Product : Home Security System(Door Sensor)
- Model : T-DOOR

If the door installed EUT is opened or closed, 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) = $96.8 \times 6 = 580.8\text{ms}$