

# **Tree Stand Locator Light Transmitter**

## **Circuit Operation Description**

**Model No.: AAGH91**

**Transmit Frequency: 315.000MHz**

**RF power output ≤ 0.1mw**

**Frequency tolerance: 10 ppm**

**Power Supply: 12V battery 23A type**

### **Circuit Operation Description**

1. The transmitter produce nonperiodic signal;
2. The transmitter “ON/OFF” by manual, the released time less 5 seconds.
3. When the transmitter ‘s button has been pressed, The IC1(SMC2262) would detect data, and then send the signal to the RF receiver.
4. The 315MHz crystal oscillator drivers the base of Q2 the final/buffer amplifier. The modulation provided by IC1(SMC2262).
5. The transmitter is non-user replaceable antenna (fixed on the PCB). There is no external ground connection. The ground is only that of the printed circuit board. Power source is supplied by a 12Volt(23A size battery×1) primary battery.