

## **General Description**

**The 1/64 scale RC Car 49MHz is a superregenerative receiver for operating at 49.860 MHz which is controlled by a LRC circuit. The 1/64 scale RC Car 49MHz is powered 1.5 V rechargeable battery. There a external antenna in the back of the 1/64 scale RC Car 49MHz. When received forward / backward signal, it will going forward / backward. When received Left / Right signal, it will going Left / Right.**

**The brief circuit description is listed as follows :**

- Q7 and associated circuit act as superregenerative**
- IC1 and associated circuit act as decoder**
- U2 and associated circuit act as DC-DC regulator**
- Q1, Q2, Q3, Q4, Q5, Q6 and associated circuit act as motor driver**