

**Circuit Description 49Mhz 00170**

### **1. TX (49MHz)**

TX is supplied by a 9V battery and regulate 4V3 to the IC SPRC12A.

There is a four position selector S5 to select different ID for the TX. In the TX, there are four function keys S1, S2, S3 & S4 to control the RC car (left, right, backward & forward). The modulating signal from IOC1 of SPRC12A will be modulated by carrier frequency 49.86MHz. The modulated signal will be amplified and pass through Q2 & matching network to antenna. The matching network consists of L3, C13 & C14.