

## **Operation Description for KG Flyer (49 MHz Receiver)**

The KG Flyer (49 MHz) is powered by a 3.6V internal rechargeable battery. When it receives a 'forward' signal, it will fly straight ahead. When it receives a left/right signal, it will turn left or right. When it receives a 'down' signal, it will start to land.

Referring to the transmitter circuit design, the circuit description is listed below:

- Q8, C14, L2 and associated circuit act as RF amplifier
- U1 and associated circuit are for demodulation
- X1 and associated circuit act as the oscillator
- U4, Q5 and associated circuit act as the decoder
- U2, D1, L4 and associated circuit act as voltage control.