

Operation Description (KR-1252)

49.860 MHz

The EUT is a superregenerative receiver for R/C Thunder Spin Turbo Ball operating at 49.860 MHz and is controlled by an LRC circuit. The EUT is powered by 6V rechargeable battery. When it receives different radio signals, it will move forward, backward or perform spinning actions.

The brief circuit description is listed as follows:

- Q1, L2, C1, C3 and associated circuit act as superregenerative receiver
- U1 and associated circuit act as decoder
- Q2~Q7, Q8~Q13 and associated circuit act as motor control