

# Technical Description

Report No.: 17050601HKG-001

The Equipment Under Test (EUT) is a receiver (Car Unit) for a portable 49.86MHz controller. The EUT is powered by 5\*1.5V AA battery. After switching on the EUT, the EUT can be controlled to move forward/backward and turn left/ right by the controller.

The brief circuit description is listed as below:

1. U1 and the associated circuit act as coding circuit.
2. Q1, Q2 and the associated circuit act as the regulator.
3. Y1 and the associated circuit act as frequency oscillator.