

## **Operation Description for MLS RC Soccer Game (49 MHz Receiver)**

The Receiver of MLS RC Soccer Game is powered by 2 x 1.5V “AAA” size battery and operated at channel 49.860MHz. When it switched on, it can receive difference radio signal and go difference direction.

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

- Q1 and associated circuit act as super regenerative circuit.
- Q18, Q19 and associated circuit act as voltage adjust.
- U1 and associated circuit act as decoder.
- Q6~Q11, Q14, Q15 and associated circuit act as M1 Motor control circuit.
- Q2~Q5, Q12, Q13, Q16, Q17 and associated circuit M2 Motor control circuit.