

## **Operation Description of Main Components**

### Headset Tx:

1. U1 is the MCU IC
2. U2 is the Voice Recognition IC
3. U3 is the regulator
4. Q1 and Q2 are RF transmitter
5. Q9 and Q10 are IC U2 reset
6. Q11 and Q12 are Voice Recognition IC power control
7. Q5 is driving speaker
8. Q7 is for 3 and 4 battery detection
9. Q8 is IC U1 reset
10. Y2 is clock of U1
11. Y1 is RF transmitter frequency
12. MIC1 is voice input

### Nascar Rx:

1. U1 is the MCU IC
2. U2 is the regulator
3. Q6, Q18 and Q19 are RF receiver
4. Q1 to Q5 and Q7 to Q9 are front motor steering
5. Q10 to Q17 are back motor motion
6. Q20 and Q22 are low voltage detection
7. Q21 and Q24 are IC U1 reset
8. Q23 is high current detection
9. SW3 and SW4 are front wheel optical sensor
10. Y1 is clock of U1