
Kid Galaxy RC-TOY TX OPERATION PRINCIPLE

The **Kid Galaxy** RC TOY TX operates basing on the controlling signals encode by 2 channel circuit; After modulation, the hight frequency 49.860MHz oscillatory signals were emitted to control the progress, retreat functions for the RX. **The modulation type is AM.**

Circuits' composition:

Power circuit;encoding circuit;high frequency oscillatory circuit;
modulator and amplifier circuit.

1. Power circuit:

S1, S2

2. encoding circuit:

R2, R3, R4, R5, R10, R11, R12, D1, C1, C2

3. 27.145MHz high frequency oscillatory circuit:

R1, Y1, Q3, R7, C6, R9, C3, L1, C8, R9, C3

4. modulator and amplifier circuit:

C7, R6, R8, C10, Q4, C4, L2, C5, C12, L3, C12, ANT