

Operation: Size AA x 2\_DC3V

Drawing Ref.: 1 : 64 R/C MINI RACER\_TX

U1 (TX2) is a 5 functional remote encoder IC, with transistor Q1, Q2 and other components combined as RF transmitter circuit. The IC Pin 14, 1, 4 and 5 control left, right, backward, forward and encoding signal output respectively. Data output from Pin 8 and modulate with 49.860MHz oscillator that achieved by Q2, Y1, R3, C2, and L1. RF power amplifier Q1, L2, C3, C4, R8 is use to enlarge the transmission range, the output frequency through LC filter C5, C8, C9, L3 and L4, to eliminate the harmonic frequency then transmitted the radio signal by aerial E1.