

SPECIFICATION AND WORKING

(two way car alarm system 686)

Specification of remote control

TX:

Transmitting Frequency: 433.92MHZ

Modulation mode: FSK

Transmitting Power: $\leq -2\text{dBm}$

Transmitting Frequency Deviation: $\geq 3\text{KHZ}$

Working Voltage: +3V

Transmitting Current: $\leq 15\text{mA}$

RX

Receiving Frequency: 433.92MHZ

Receiving method: FM, Super internal differential double frequency

Receiving sensitivity: $\leq -115\text{dBm}$

Working voltage: +3V, +1.5V

Receiving current: $\leq 5\text{mA}$ (Intermission)

Working Process:

1. 5AAA battery supply power, U1, L1, C5, C5A, C5B and C6 compose into DC-DC transfer circuit, transfer 1.5V into 3V, provide to MCU and RF for working. Car owner press remote control button (for example A button) to order, processed by remote control MCU S3C9228, control and open power of RF board, transmit data to RF board, and then transmit out by RF board TDK5110, received by responsive main unit, remote control LCD will display relative icons.