

Technical Details:

TX (Transmitter) Technical Specifications:

- Working voltage: 3V~12V
- Working current: $\max \leq 40\text{mA}$ (12V), $\min \leq 9\text{mA}$ (3V)
- Resonance mode: sound wave resonance (SAW)
- Modulation mode: ASK /OOK
- Working frequency: 315MHz-433.92MHz, customized frequency is available.
- Transmission power: 25mW (315MHz at 12V)
- Frequency error: +150kHz (max)
- Velocity: $\leq 10\text{Kbps}$
- Self-owned codes: negative

RX (Receiver) Technical Specifications:

- Working voltage: 5.0VDC +0.5V
- Working current: $\leq 5.5\text{mA}$ (5.0VDC)
- Working principle: single chip superregeneration receiving
- Working method: OOK/ASK
- Working frequency: 315MHz-433.92MHz, customized frequency is available.
- Bandwidth: 2MHz (315MHz, having result from testing at lowering the sensitivity 3dBm)
- Sensitivity: excel -100dBm (50 Ω)
- Transmitting velocity: $< 9.6\text{Kbps}$ (at 315MHz and -95dBm)