

122k- working principle:

Working frequency: 122KHZ  $\pm$  10%.

TX working voltage: 3 V

RX working voltage: 5 V

122K-TX15 can pick up the heart rate signal from the human body, then transmits the signal of 122K frequencies with wireless by the carrier wave's method.

122k-sensor 9 will receive the carrier signal of 122K frequencies and decode to the original heart rate signal. Then, the heart rate signal will be transmitted into the microprocessor.