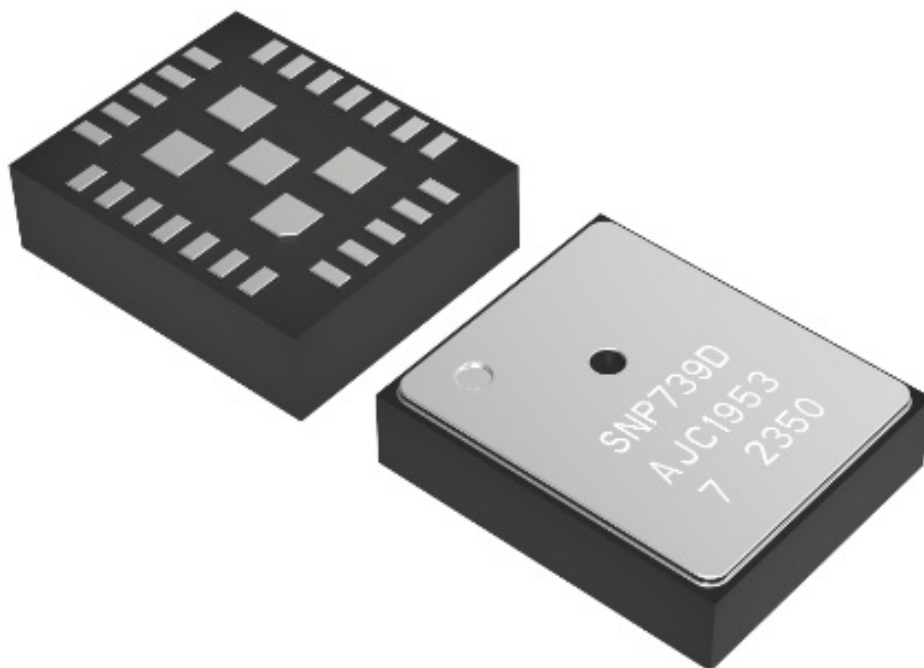


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## Hiway Integrated Circuit HW48244 TPMS Sensor



## PRODUCT NAME

TPMS SENSOR—Part No. HW48244-SGY-100

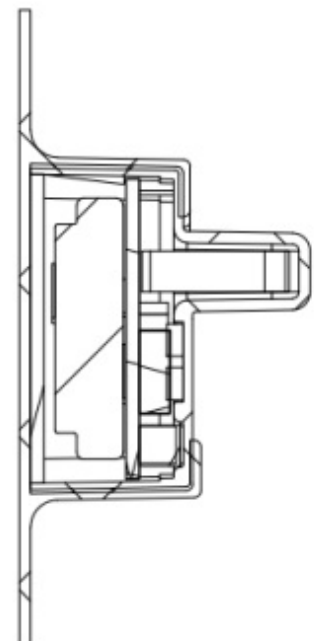
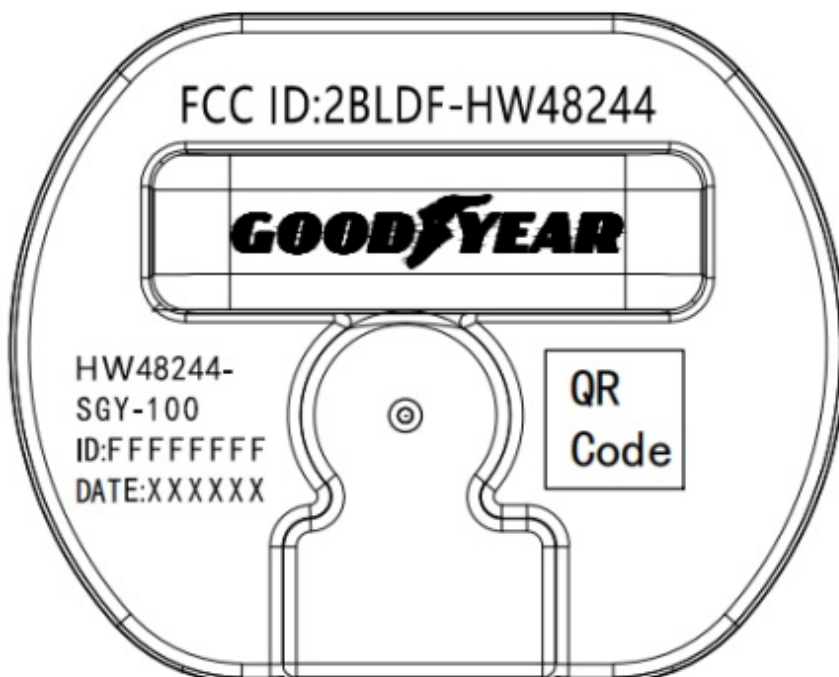
## Function Summary

Regularly measure the tire pressure and temperature, and monitor the motion of the tire.

## PRODUCT SPECIFICATION

- Operating Temperature  $-40^{\circ}\text{C}\sim 125^{\circ}\text{C}$
- Storage Temperature  $-40^{\circ}\text{C}\sim 125^{\circ}\text{C}$
- RF Modulation Technique FSK
- RF Carrier Frequency  $433.920\text{MHz}\pm 10\text{kHz}$
- FSK Deviation 60kHz
- RF Baud Rate 9600bps
- Radiated Power  $<-20\text{dBm}$
- LF Modulation Technique ASK
- LF Carrier Frequency  $125\text{kHz}\pm 5\text{kHz}$
- LF Baud Rate 3900bps
- Pressure Range 100~1500kPa
- Battery CR2050HR

## PRODUCT APPEARANCE



## **Installation**

Ensure the TPMS sensor is compatible with your vehicle's tire pressure monitoring system. Follow the manufacturer's guidelines for installation.

## **Pairing**

After installation, pair the TPMS sensor with your vehicle's monitoring system according to the system's instructions.

## **Monitoring**

Regularly check the tire pressure and temperature readings on your vehicle's display. Monitor any alerts or notifications regarding tire motion.

## **Maintenance**

Replace the sensor's battery (CR2032) as needed. Keep the sensor clean and free from debris for accurate readings.

## **Frequently Asked Questions**

### **Q: How often should I check the tire pressure with the TPMS sensor?**

A: It is recommended to check the tire pressure at least once a month or before long trips.

### **Q: Can I use the TPMS sensor on different vehicles?**

A: The TPMS sensor is usually programmed for a specific vehicle and may not work on other vehicles without reprogramming.

### **Q: What should I do if the TPMS sensor battery needs replacement?**

A: Replace the CR2032 battery with a new one following the manufacturer's instructions. Ensure proper disposal of the old battery.

## **Documents / Resources**



## [Hiway Integrated Circuit HW48244 TPMS Sensor \[pdf\]](#) Instructions

HW48244, 2BLDF-HW48244, 2BLDFHW48244, HW48244 TPMS Sensor, HW48244, TPMS Sensor

## References

- [User Manual](#)

Hiway Integrated

Circuit

2BLDF-HW48244, 2BLDFHW48244, Hiway Integrated Circuit, HW48244, HW48244 TPMS Sensor, TPMS Sensor

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