



Tire Pressure Monitoring Systems (TPMS)

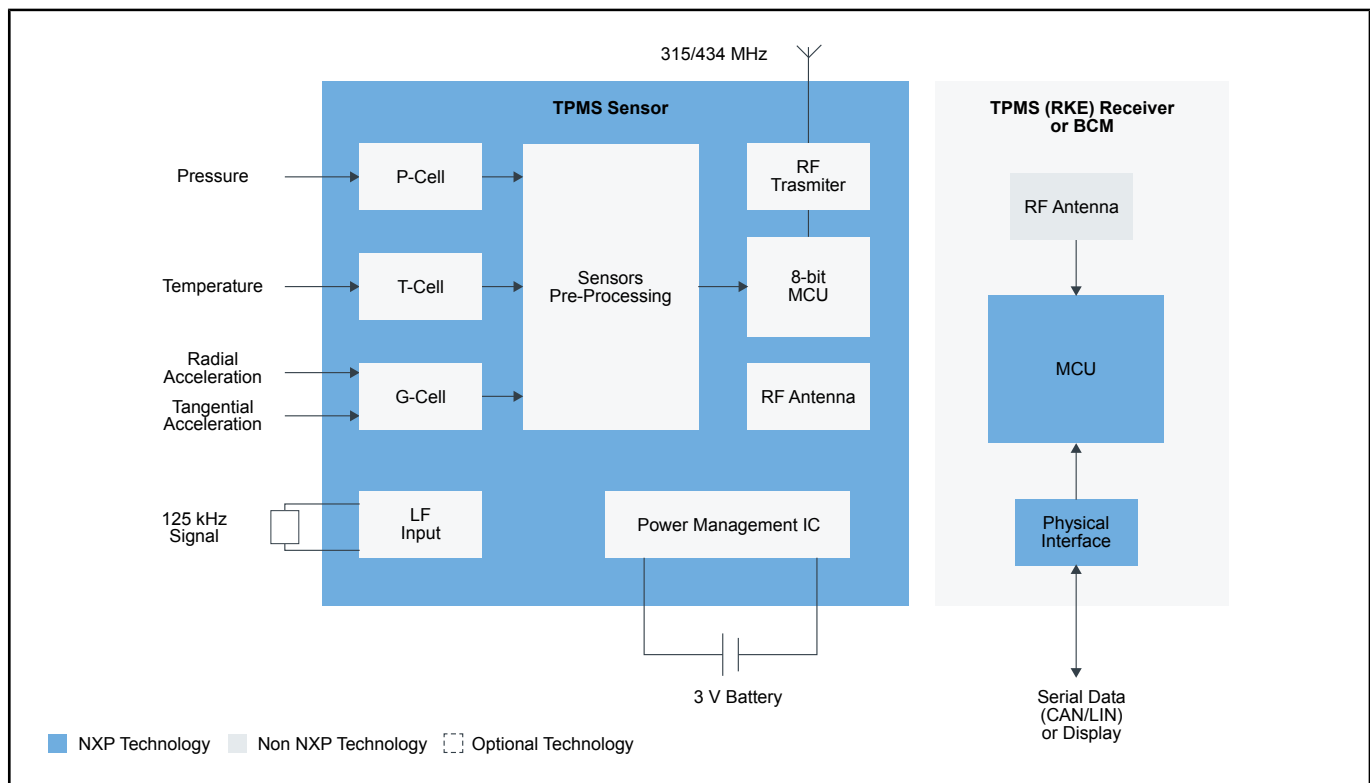
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Tire pressure monitoring systems (TPMS) can improve vehicle safety and fuel economy leading to CO₂ emissions reduction. Together with reduced tire wear for consistent ride quality, these systems are encouraged by government regulations around the world.

NXP's pioneering system-in-package technology for TPMS provides an easy design-in solution to meet even the more sophisticated TPMS requirements.

Our tire pressure monitor sensor solution integrates a pressure sensor, microcontroller, RF transmitter and single or dual axis accelerometer into a single package. For the TPMS receiver or BCM, different NXP processors with automotive connectivity options as CAN and LIN protocols are available.

TPMS Block Diagram



Recommended Products for TPMS

TPMSセンサ

マイクロコントローラ (MCU)

物理インタフェース

View our complete solution for [Tire Pressure Monitoring Systems \(TPMS\)](#).

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