# Examples for the Tire Pressure Monitoring Sensor (TPMS)

## Features

- Application examples for the NTM88 family of Tire Pressure Monitoring Sensors (TPMS)

## Description

Example software running in the NTM88 embedded MCU and implementing various applications are available. These applications include sensor acquisition, Sub-GHz transmission (315/434 MHz), low-frequency reception (125 kHz), over-the-air-flash reprogramming, angle location algorithm (transmission at pre-defined angle and rotation direction determination), communication with external BLE MCU as well as host SPI and controller I²C bit-banging.

The NTM88 projects open in NXP's CodeWarrior IDE for MCUs IDE v11.1 or higher. The patch "NTM88_LIB" needs to be installed in the IDE.

The NTM88 embedded MCU is programmed with P&E Multilink Programming tools supporting an HCS08 core.

**DB5765 - Rev 1 - February 2026**
For further information, contact your local STMicroelectronics sales office.

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# Revision history

**Table 1.** Document revision history

| Date | Version | Changes |
|---|---|---|
| 02-Feb-2026 | 1 | Initial release |

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