

LC sensor metering for gas or water meter software expansion for STM32Cube

Data brief

Features

- Example code for LC sensor metering evaluation
 - Basic counting with one LC sensor
 - Counting with several LC sensors for rotation and direction detection of one or two rotating wheels
 - Tachometer with two LC sensors for speed and direction detection of a rotating wheel
- Starting point for gas or water metering based on STM32 microcontrollers

Description

The X-CUBE-LCSENSOR is an expansion software package for STM32Cube. The software runs on STM32 microcontrollers. It includes examples for gas or water metering with an LC sensor.

The X-CUBE-LCSENSOR is the starting point for the implementation of gas or water meter applications based on the inductive detection of the rotation of a mechanical wheel.

The software comes with implementation examples running on the NUCLEO-L476RG board.



Ordering Information

X-CUBE-LCSENSOR is available for free download from the www.st.com website.

Revision history

Table 1. Document revision history

Date	Revision	Changes
4-Oct-2017	1	Initial release.

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