X-CUBE-LPTIMER

Low-power timer (LPTIM) applicative use-cases on STM32 MCUs, software expansion for STM32Cube

Data brief

Features

- Three applicative examples covering most features of the STM32 low-power timer peripherals:
    - Asynchronous pulse counter in STOP mode
    - PWM generator in STOP mode
    - Timeout wakeup mode
- Source-code template generated by the STM32CubeMx software tool
- Tailored to run readily on NUCLEO-L476RG boards
- Easily tailorable for any toolchains provided by the STM32 ecosystem

Description

The X-CUBE-LPTIMER is an embedded software expansion for STM32Cube. This package aims to provide applicative use-cases for the low-power timer (LPTIM) peripherals embedded in STM32 microcontrollers.

For more details on low-power timer (LPTIM), refer to the "Low-power timer (LPTIM) applicative use-cases on STM32 MCUs", application note (AN4865), available at the *www.st.com* website.

Revision history

Table 1. Document revision history

Date	Revision	Changes
26-Sep-2016	1	Initial release.
16-Jun-2017	2	Updated *Description*.

IMPORTANT NOTICE – PLEASE READ CAREFULLY