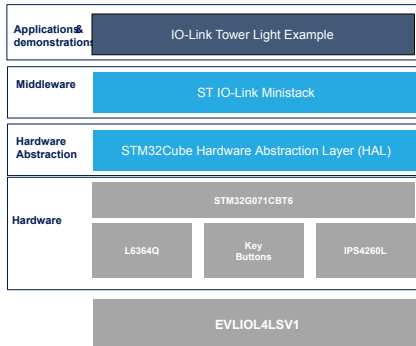


## Software pack for EVLIOL4LSV1, IO-Link actuator for industrial tower light



### Features

- Full control of the EVLIOL4LSV1 by the pre-loaded running firmware
- Complete project files to build IO-Link device applications for STM32G071CBT6 and IPS4260L
- Middleware libraries featuring IO-Link device mini-stack for L6364Q
- Drivers for L6364Q and IPS4260L
- Easy portability across different MCU families, thanks to STM32Cube
- Free, user-friendly license terms

### Description

The **STSW-IOL4LSV1** is a function pack which allows the user to enable IO-Link communication between **EVLIOL4LSV1** and an IO-Link master through the onboard **L6364** transceiver and the IO-Link demo-stack library running on the **STM32G071CB**.

The **STSW-IOL4LSV1** is a compressed file (.zip) containing the pre-loaded running firmware (.hex) and another compressed file (.7z) with the two main folders of the project. These two folders are the IODD folder and the development project folder.

The IODD files must be uploaded to the IO-Link master connected to the **EVLIOL4LSV1**.

The software files included in the development project folder can be used in three integrated development environments (IDEs): IAR, Keil®, and **STM32CubeIDE**.

Apart from the IO-Link demo-stack, the function pack integrates the management of the **IPS4260L** quad channel low-side driver.

Additional details about how to operate with the **STSW-IOL4LSV1** and **EVLIOL4LSV1** are available in the quick start guide (**EVLIOL4LSV1-quick-start-guide.pdf**) associated with the **EVLIOL4LSV1**.

The **STSW-IOL4LSV1** is available for free on [www.st.com](http://www.st.com).

#### Product status link

[STSW-IOL4LSV1](#)

#### Product summary

IO-Link actuator for industrial load based on L6364Q and IPS4260L	<a href="#">EVLIOL4LSV1</a>
Mainstream Arm Cortex®-M0+ MCU with 128 Kbytes of flash memory	<a href="#">STM32G071CB</a>
Dual channel transceiver IC for SIO and IO-Link sensor applications in QFN package	<a href="#">L6364</a>
Quad low-side intelligent power switch	<a href="#">IPS4260L</a>

## Revision history

**Table 1. Document revision history**

Date	Version	Changes
29-Nov-2024	1	Initial release.

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