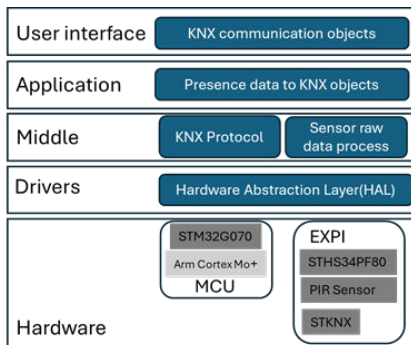## Software for STDES-KNXPSENSOR

Features

- Detect presence status via PIR sensor and TMOS sensor
- PIR sensor was integrated to detect moving detection
- TMOS sensor was integrated to detect the presence of stationary and moving objects
- Three master-slave groups function: dynamically enable/disable sensor presence detection function
- Presence sensor status sent out via different KNX communication objects
- Control of different KNX actuators
- ETS database available
- Compatible with ETS5 and ETS6

Description

The STSW-KNXPSENSOR runs on the STDES-KNXPSENSOR presence sensor board.

It is available for the ETS database for configuring the KNX presence sensor board.

The STSW-KNXPSENSOR integrates PIR and TMOS sensor for presence detection, which include moving objects and stationary objects.

Three master-slave group functions with 32 communication objects ensure that the KNX presence sensor can work with different KNX actuators. The KNX presence sensor can be actor as master sensor or slave sensor.

The sensor's sensitivity and detection function can be dynamically changed via KNX communication object.

The STSW-KNXPSENSOR communicates with IIC between MCU and TMOS sensor.

Product summary	
Software for STDES-KNXPSENSOR	STSW-KNXPSENSOR
KNX presence sensor with PIR and TMOS integration function	STDES-KNXPSENSOR
Applications	Home automation
	Residential climate control and HVAC
	Lighting controls

DB5605 - Rev 1 - September 2025
For further information, contact your local STMicroelectronics sales office.

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Revision history

Table 1. Document revision history

Date	Revision	Changes
24-Sep-2025	1	Initial release.

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