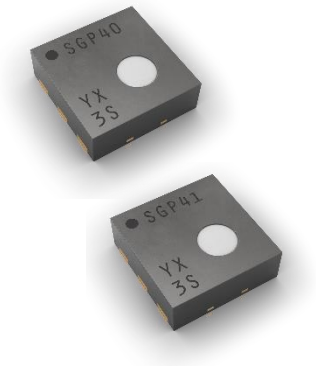
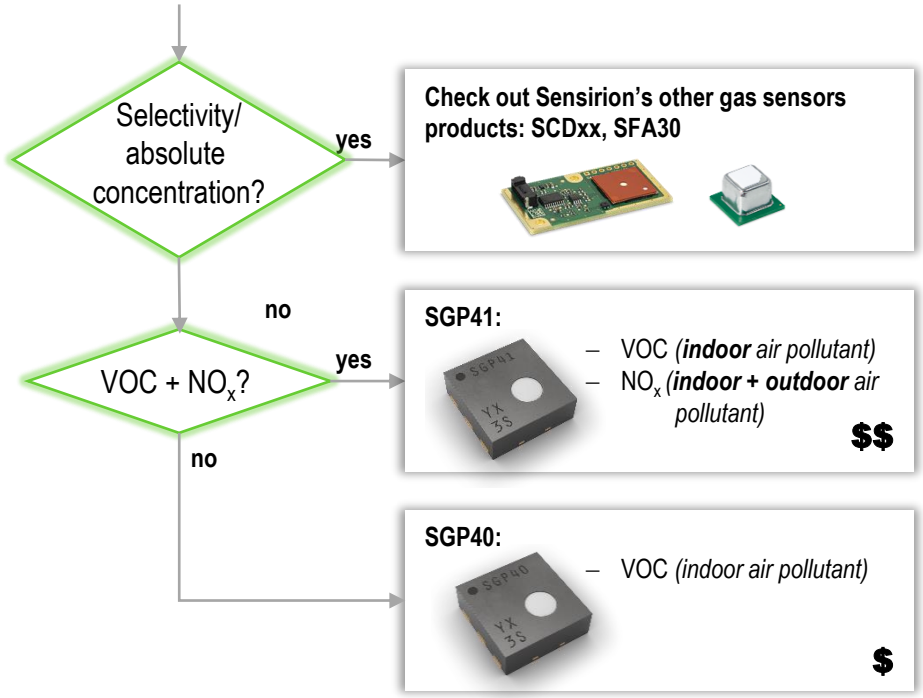
# SGP4x – VOC and $NO_x$ Multipixel Gas Sensors




*SGP4x: "Sensirion facilitates the design-in and handling of the challenging MOX technology for its customers"*

**Customer Value Proposition**

- Reliable user experience throughout lifetime thanks to siloxane resilience
- Save design-in and BOM costs thanks to proven multipixel technology
- Optimal, customized user experience thanks to tunability of best-in-class algorithms




## Useful Links

Basic Documents

- Datasheet SGP40
- Datasheet SGP41
- Handling and Assembly Instructions
- Design-In Guide
- Quick Testing Guide SGP40
- Quick Testing Guides SGP41

Drivers & Tools

- Drivers SGP4x
- Drivers SVM41
- Technical Description SEK-SVM4x
- $I^2C$ Interface Description SVM41
- UART Interface Description SVM41
- Reference Design SVM41

## How to Evaluate

SEK-SVM4x

YouTube

Tutorial: Introduction
Tutorial: tuning of the algorithm

landing page





SENSIRION

# SFA30 – Formaldehyde Sensor

**SFA30**:
HCHO sensor

*"Win customer trust with unprecedented sensor accuracy in the field"*

Key Features

- Low cross-sensitivity to common indoor VOCs, e.g. EtOH <0.5%
- Long lifetime of >6 years
- Integrated RHT sensor

*Improve indoor air quality with the help of an SFA30 formaldehyde sensor*

Optimised for low-ppb detection of formaldehyde in an indoor environment:

- Meets WHO recommendations
- Ideally suited for air purifiers and indoor air quality monitors

YouTube

Formaldehyde sensing made easy

## How to Evaluate

SEK-SFA30

## Useful Links

Basic Documents

- SFA30 Flyer
- Datasheet SFA30
- Handling and Assembly Instructions
- Design-in Guide

Drivers & Tools

- Arduino Driver I2C
- Arduino Driver UART
- RaspberryPi Driver I2C
- RaspberryPi Driver UART
- Embedded Drivers



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