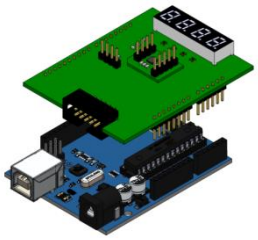
IQS620EV01 Overview

Combination sensor with dual channel capacitive proximity/touch, Hall-effect sensor and inductive sensing

The IQS620 ProxFusion™ IC is a multifunctional capacitance, Hall-effect & inductance sensor designed for applications where any or all of the technologies may be required. The IQS620 is an ultra-low power solution designed for short or long term activations through any of the sensing channels. The IQS620 is fully I²C compatible and can be configured to output main trigger events on GPIOs.

EV-Kit Overview

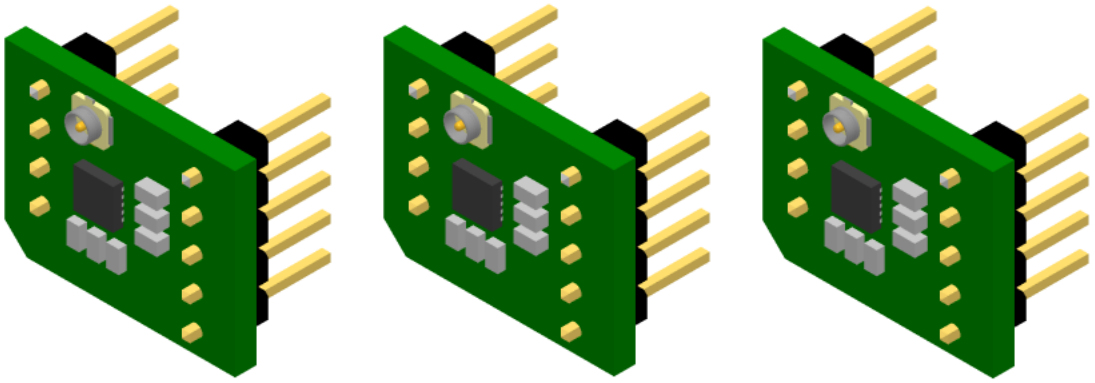
- Inductive sensing
- Hall-effect sensing
- Capacitive sensing



IQS620 Shield + Arduino Uno – sold separately

Evaluation Modes

- EV01 contains **3 x Modules**
- Embed the small module PCB (stamp) into custom design & interface to host MCU
- Plug into IQS620EV02 Shield board (sold separately)



Detachable Stamp Module x 3

Applications

- Mobile electronics (phones/tablets)
- SAR safety requirements for laptops, tablets and phones
- Wearable devices
- White goods and appliances
- Human Interface Devices
- Proximity activated backlighting
- Applications with long-term activation
- Aftermarket automotive[1]

[1] The part is not automotive qualified

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IQS211B-00000000-TSR IQS227B-00000000-CSR IQS231B-00000000-TSR IQS7211A101CSR
IQS7222B101QNR IQS7222C101QNR IQS7211E001QNR IQS7222_EV02C-S IQS211B-00000000-DNR
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