

### IQ Switch® ProxFusion™ Series



## **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**

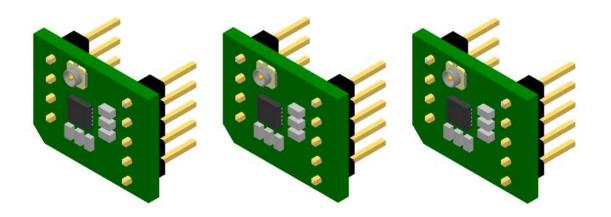
- Inductive sensing
- Hall-effect sensing
- Capacitive sensing



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<sup>1</sup>

<sup>&</sup>lt;sup>1</sup> The part is not automotive qualified