



IQS624EV01 Overview

Hall effect angle sensor with dual channel capacitive proximity/touch controller

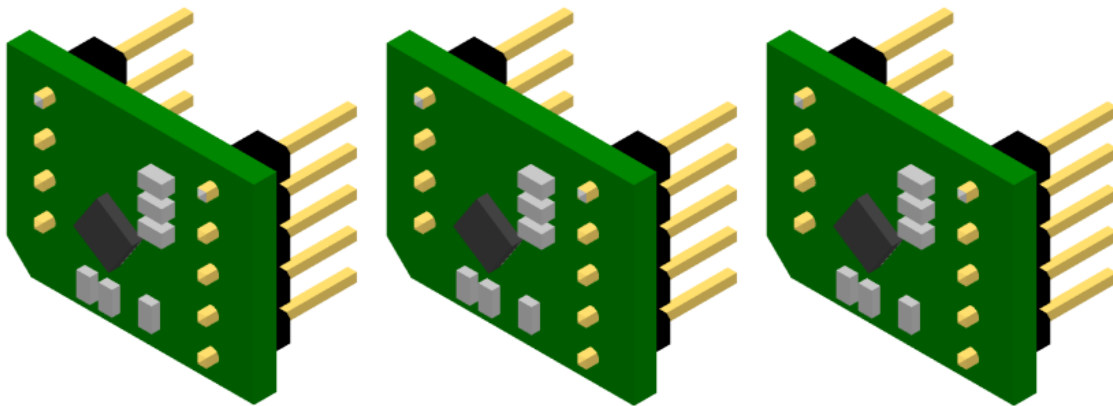
The IQS624 ProxFusion™ IC is a multifunctional capacitance and Hall effect controller designed for applications where any or all of the technologies may be required. The two Hall-effect sensors calculate the angle of a magnet rotating parallel with the chip. The IQS624 is an ultra-low power hall-effect rotation sensor. The sensor is fully I²C compatible and on-chip calculations enable the IC to stream the current angle of the magnet without extra calculations.

EV-Kit Overview

- Hall-effect sensing
- Capacitive sensing

Evaluation Modes

- EV01 contains **3 x Modules**
- Embed the small module PCB (stamp) into custom design & interface to host MCU



Detachable Stamp Module x 3

Applications

- Anemometer
- Dial or Selector knob
- Mouse wheel
- Gaming steering wheel
- Measuring wheel
- Digital angle gauge
- Speedometer for bicycle