



IQS223EV02 QUICK START GUIDE

3 Channel capacitive proximity and touch controller with flick or swipe and tap & hold gesture outputs.

The IQS223 ProxSense® IC is a 3-channel projected- or self capacitive proximity and touch controller with best in class sensitivity, signal to noise ratio and power consumption. Swipe and tap gestures are calculated on-chip and reported on GPIO pins.

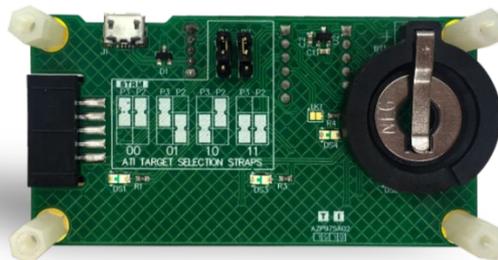
EV-Kit Overview

- > Self-contained kit with integrated sample electrode
- > Flick or swipe gesture detection with individual direction output pins.
- > Tap and hold gesture recognitions and output
- > The daughter board stamp can be easily removed, wired into an application and connected to rapid prototype electrode.



Evaluation Modes

- > Standalone Mode (Powered by USB or coin-cells) – gestures displayed by LEDs.
 - Refer to datasheet for Target Selection strap options and values.
- > Streaming mode: Connect IQS223EV02 via a CT210A USB Dongle¹ to PC GUI - raw information, gestures and settings available in the GUI
 - Select STRM with ATI Target Selection Strap Option 00



- > Optional proximity indicator: Prox output visual indication (P_OUT) available by closing solder LK1.

¹ Note: It is suggested to purchase the CT210A configuration tool (not included in this kit).

This dongle allows rapid evaluation of the kit by interfacing to the free GUI of the IC.

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