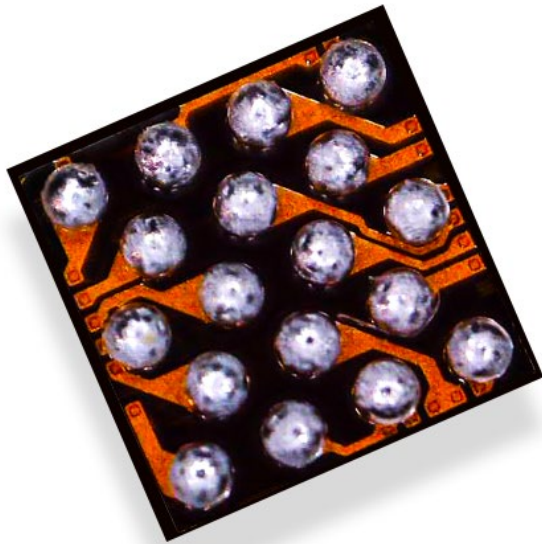


This time we were first

Pioneer in single chip, multi-sensor solutions.
Two decades of capacitive sensing and LED driver expertise.

MEET THE KEYPAD CHIP

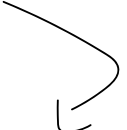


MEET THE KEYPAD CHIP

The IQS7222B chip is a sensor fusion device for various multi-button applications. Configure up to 20 mutual capacitance buttons, 18 mutual capacitance buttons with proximity wake-up function or up to 8 self-capacitance buttons.

[IQS7222B >](#)

Check out
the applications





THE SEAMLESS KEYPAD

Design a seamless touchpad with proximity wake-up. Ideal for a modern look and easy cleaning.

THE OUTDOOR KEYPAD

Our capacitive sensor is sensitive and robust enough for outdoor use. The keypad can even be designed to be immune to water influence.





THE TOUCH BUTTONS

We can design up to eighteen capacitive buttons together with proximity wake-up when human presence is detected.

THE SEAMLESS REMOTE

Design a seamless and modern remote control user interface with proximity backlighting when human presence is detected.





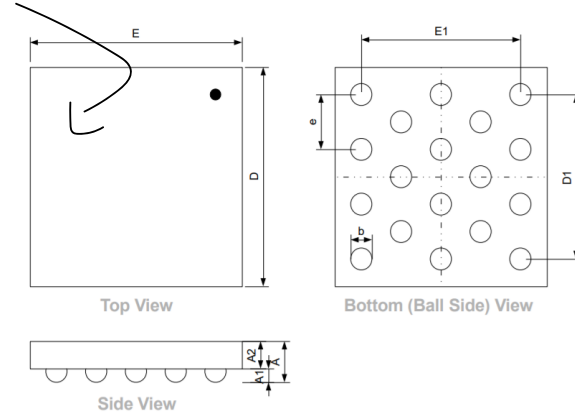
THE MODERN LIGHT SWITCH

Design a modern light switch with proximity backlighting when human presence is detected.

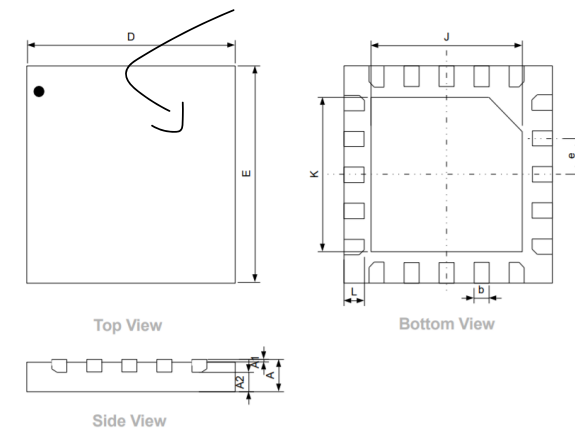
THE SPECS

- > Highly flexible ProxFusion® device
- > 9(QFN) / 8(WLCSP) external sensor pad connections
- > Configure up to 20 Mutual capacitance buttons or up to 8 self-capacitance buttons
- > Design simplicity
 - PC Software for debugging and obtaining optimal settings and performance
 - One-time programmable settings for custom power-on IC configuration
 - Auto-run from programmed settings for simplified integration
- > Automated system power modes for optimal response vs consumption
- > I2C communication interface with IRQ/RDY(up to fast plus -1MHz)
- > Event and streaming modes
- > Customizable user interface due to programmable memory
- > Supply Voltage 1.8V (-5%) to 3.5V

WLCSP18



QFN20



[DATASHEET >](#)

THE EVALUATION KIT



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We would love to get in touch

Let us know what you have in mind.
We have a passion for designing new solutions for your
awesome tech.

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THE OTHER CHIPS



