



The DNA of tech.™

OPTOELECTRONICS

FORCE SENSING USING OPTICAL SENSORS

Steering Controls



Touchpads



Displays



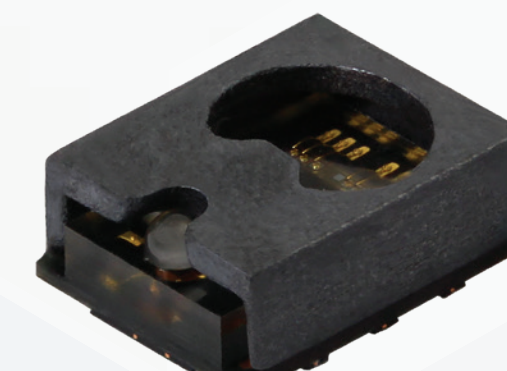
Gaming Controller



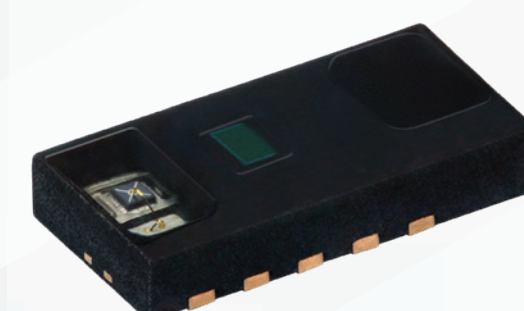
VCNL3036X01



VCNL3030X01

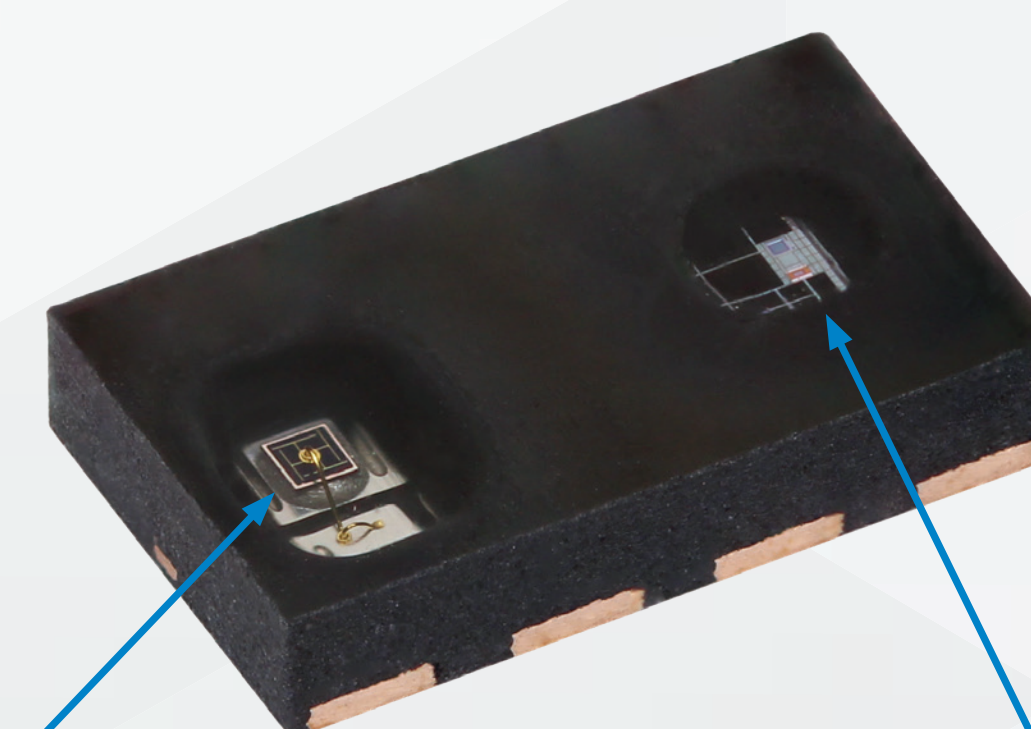


VCNL36826S



VCNL4020X01

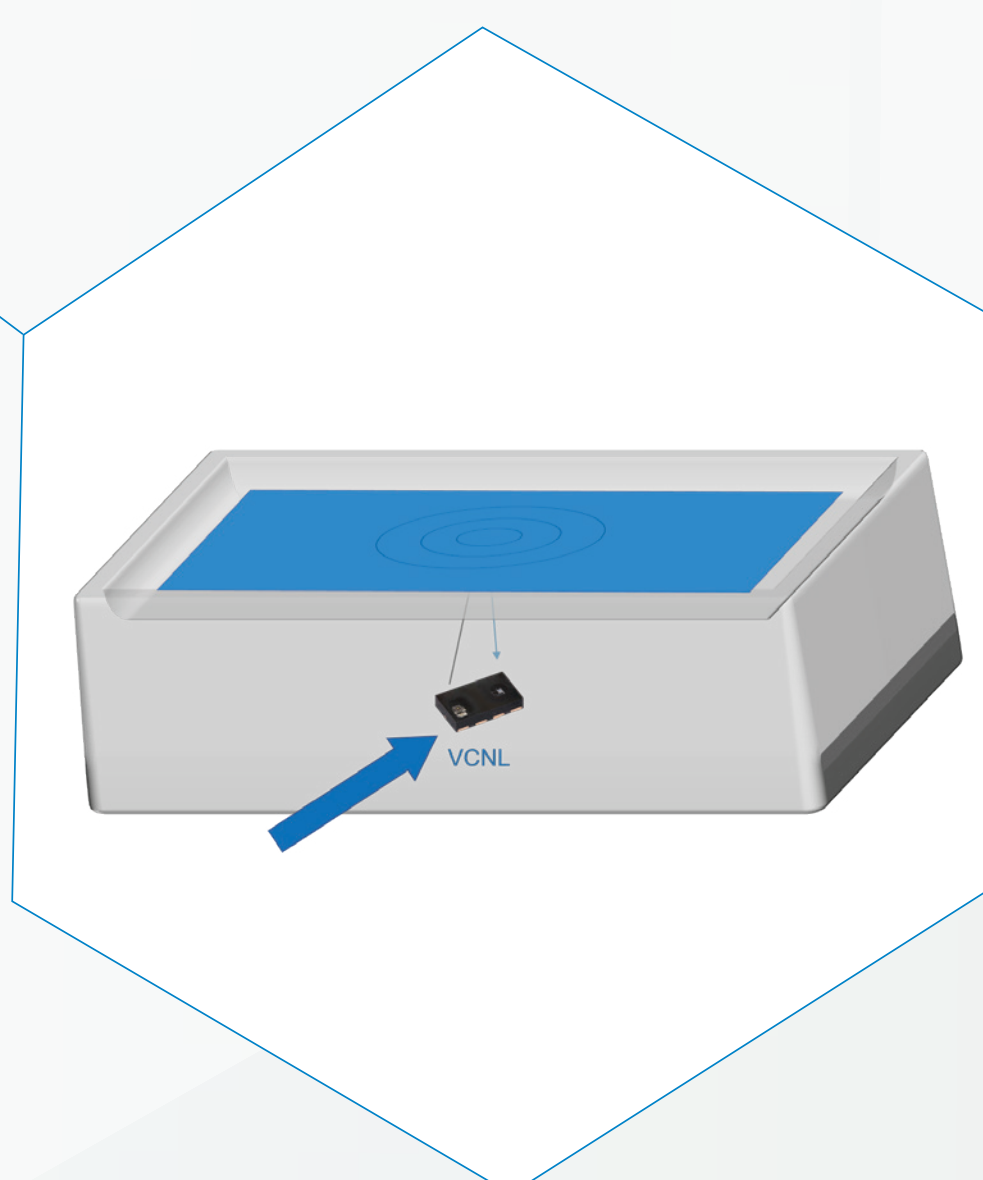
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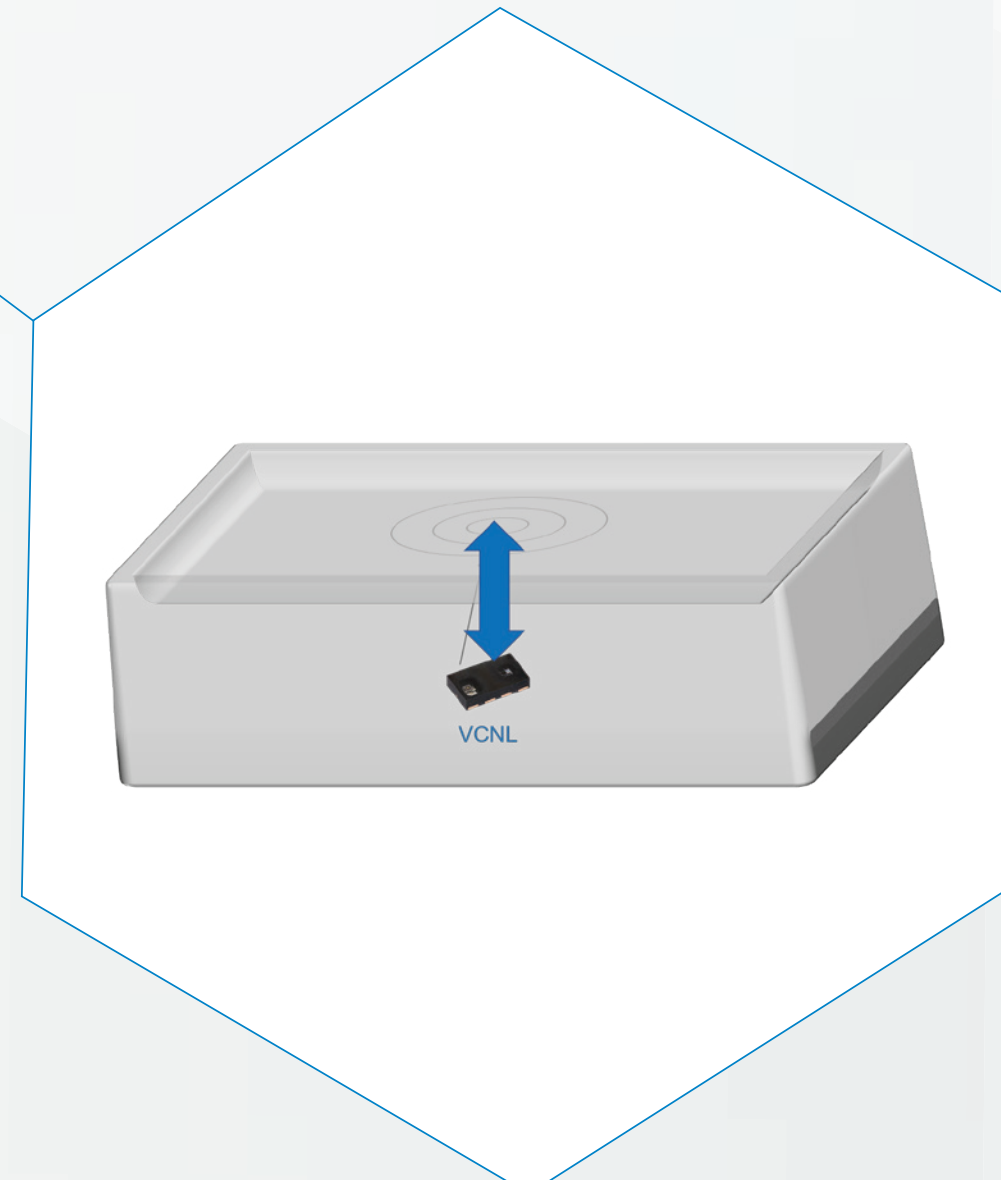
IR Emitter
(TS9414VB)

Proximity Sensor

The sensor is placed behind a reflective surface with a minimum distance of 3 mm



The high resolution helps to distinguish the level of force applied



Pressure bends the surface. Slight changes in the surface will be detected

