

# SENSORXPLORER™

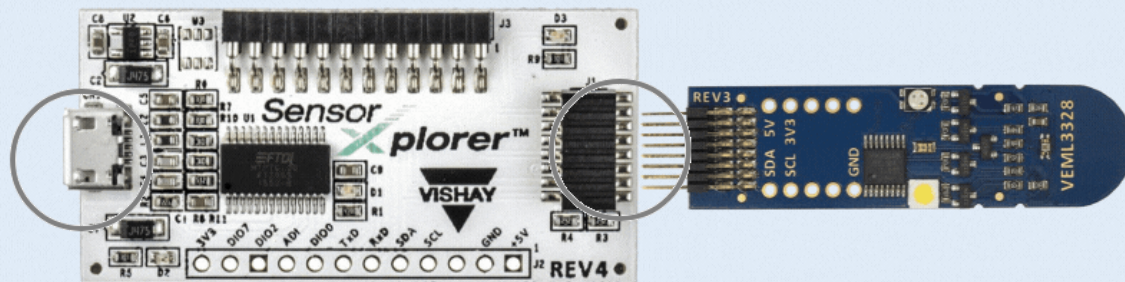
## VISHAY SENSORXPLORER™ SENSOR BOARDS

The SensorXplorer™ is a demonstration kit designed to help evaluate Vishay's digital sensors featured on Vishay's sensor boards. These boards, along with their respective software modules, can be used to demonstrate and test each sensor's functionalities, allowing the user to quickly understand how various settings affect the sensor's results.

The SensorXplorer board includes a USB to I<sup>2</sup>C interface chip, a 3.3 V regulator, several indication LEDs, as well as multiple GPIOs to control the functionality of each board and allow data to be read and displayed on a PC.

# SensorXplorer

Sensor Board Port



Micro USB Port

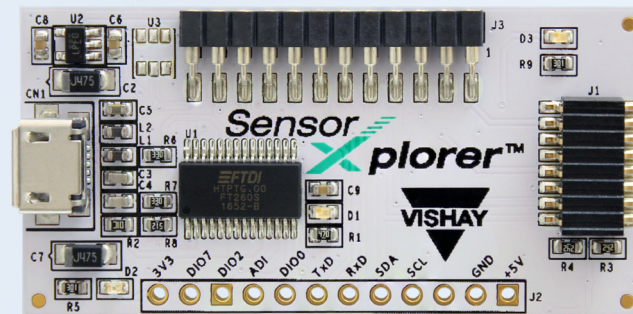


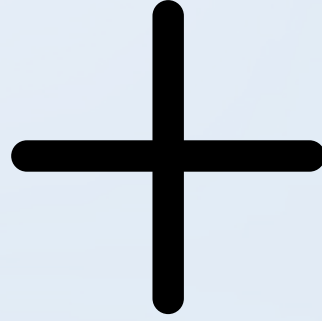
# Evaluation Kit

A micro USB cable to connect the SensorXplorer board to a Windows PC

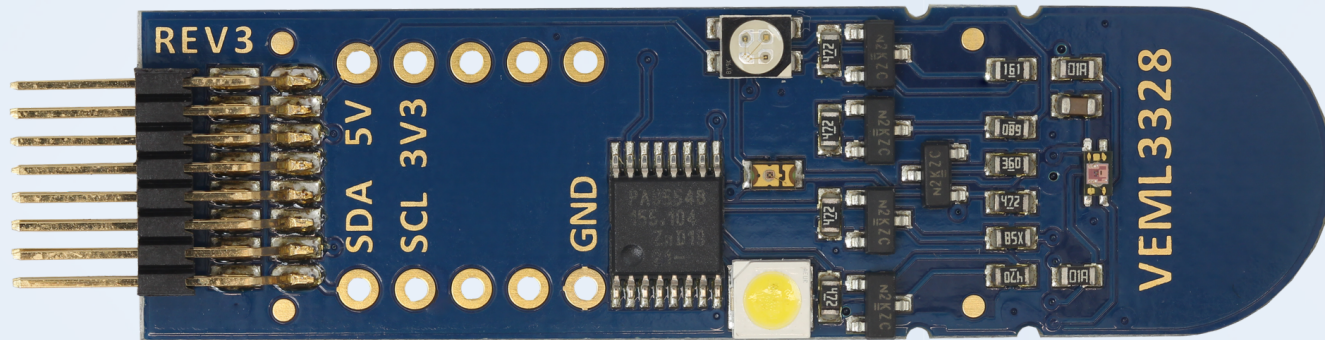


A SensorXplorer board that acts as a USB-I<sup>2</sup>C interface between the software on the PC and the Vishay sensor boards





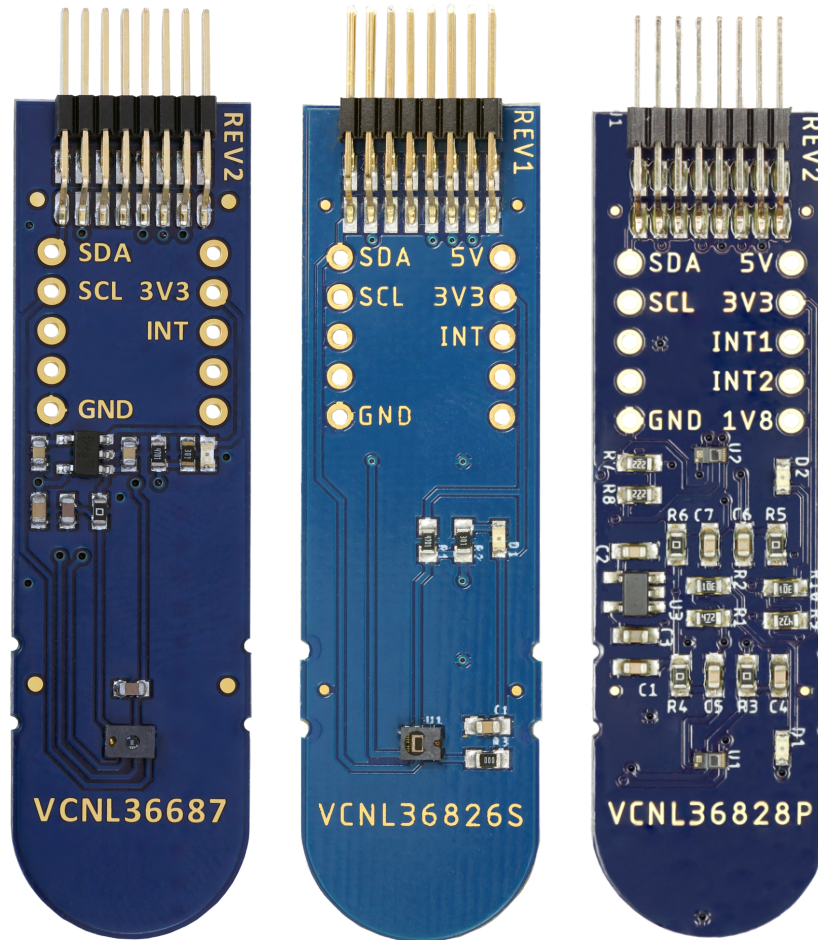
## Sensor Board





# Sensor Boards

## Proximity

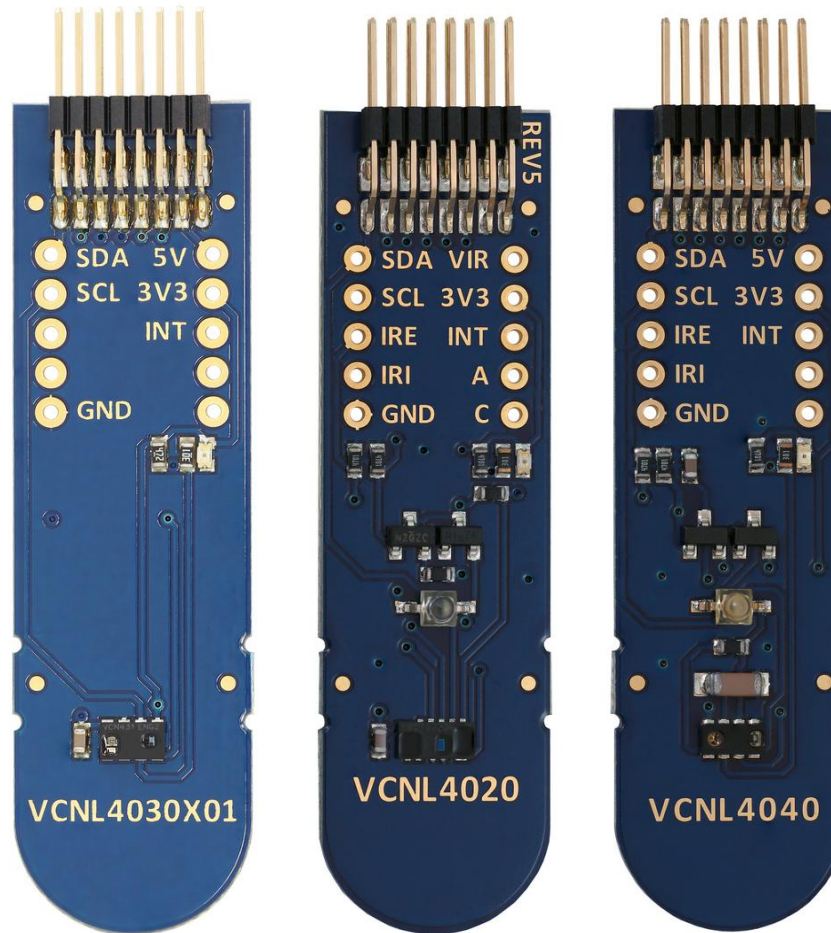


VCNL36687

VCNL36826S

VCNL36828P

## Proximity and Ambient Light



VCNL4030X01

VCNL4020

VCNL4040

## Gesture



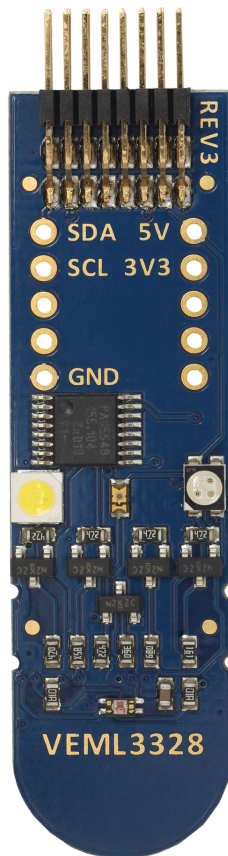
VCNL4035X01

## Long Distance Proximity



VCNL4200

## Color

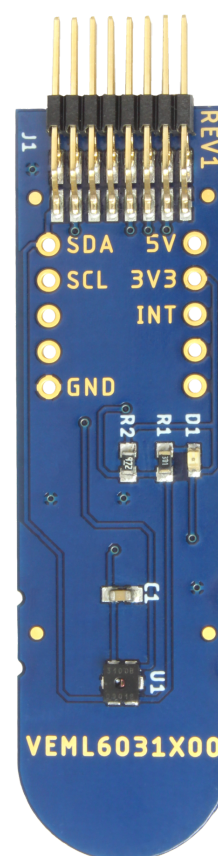


VEML3328

## Ambient Light



VEML6030



VEML6031X00



VEML6035

For technical questions: [SensorsTechSupport@vishay.com](mailto:SensorsTechSupport@vishay.com)