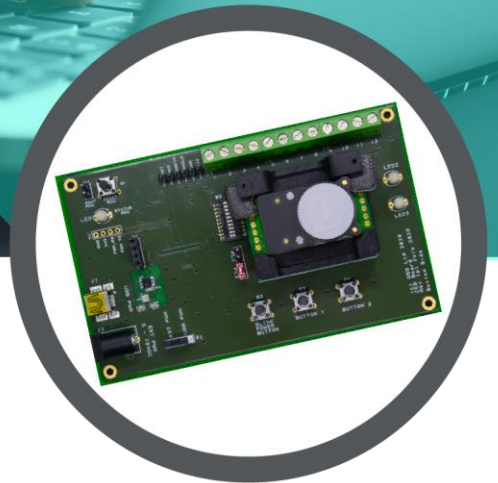


Sensor Evaluation Board

CoZIR®-LP3

- Allows real-time evaluation of GSS sensor with a dedicated board and software
- Real-time graphing of CO₂, Temperature, Pressure and Humidity
- Snapshot mode for graphing of sensor current consumption
- Log CO₂, Temperature, Pressure and Humidity data with time-stamp



About the Sensor Evaluation Board (SEB)

The Sensor Evaluation Board (SEB) enables users to easily test the performance of the CozIR®-LP3 CO₂ sensor in real-time and assess its suitability for their application without the need to create dedicated hardware or software.

The board allows the user to measure and graph CO₂ parametric performance, and to assess the effects of temperature, pressure, and humidity on the performance of the sensor. The evaluation board has the capability to measure current consumption of the sensor in any of its operating modes, allowing the use to accurately assess real-world power use. The board will log CO₂ measurements and other environmental sensor data for later analysis.

The SEB communicates with the sensor in either UART or I²C mode, ensuring the operating characteristics are identical to real-life operation. The sensor can be completely separated from all the other electronics on the evaluation board and controlled directly by the user via edge connectors, allowing the user to write and read data directly from the sensor registers.

In the Kit

- Sensor Evaluation Board
- USB Cable
- CozIR®-LP3

Ordering Information

- Please use code "SEB-LP3"
- CO₂ sensor sold separately

Software Interface

