Product Change Notification:

The purpose of this notification is to give a formal product change announcement for the CozIR LP Series, however this change has **no** impact on form, fit or function of the CozIR LP series products stated below:-

Current Product Description	New Product Description	Expected Product Shipping Dates
CozIR-LP	CozIR-LP1-2	December 2023
CozIR-LP2	CozIR-LP2-2	December 2023
CozIR-Blink	CozIR-Blink-2	December 2023
CozIR-LP3	CozIR-LP3-2	December 2023
CozIR-Blink-N	CozIR-Blink-N-2	December 2023

Reason for Product Change – Manufacture Process Change

For logistical reasons GSS are changing the electronics design to ensure continuity of supply for the entire CozIR-LP series of sensors.
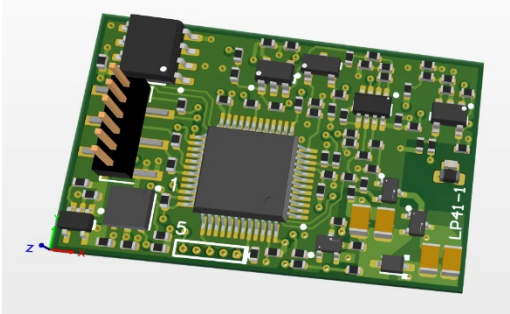
Electronic component supply has become difficult and consequently we have re-designed and harmonised the circuit for the entire LP series. This avoids potential obsolescence of parts in the near future.
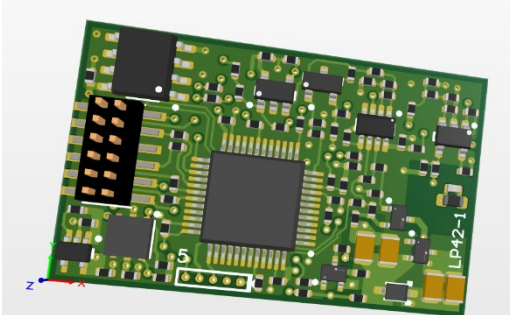
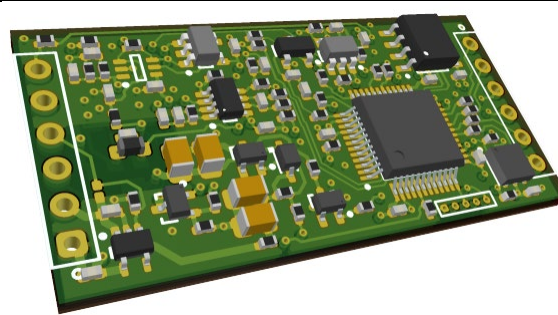**GSS has also take the opportunity to deliver the following upgrades: -**

1. The LP2-2 product has both Alarm and PWM functionality available, not enabled by default.
2. Pressure compensation is changed to provide direct input of ambient pressure avoiding the requirement for a look up table.
3. All products in the CozIR-LP series have the ability to specify, as an additional option, temperature, and humidity measurement. This is achieved by adding additional components, temperature and humidity can be read and output via the inbuilt firmware. Note The optional T+H sensor measures ambient temperature only – **not** in the temperature in the gas chamber. **T+H is available as a costed additional option from Q2 2024.**
4. Firmware code will change to a common format of **LPX-nnn** across the whole series, eg LPX-027. The only changes to the core command set are the additional ones stated above.

CozIR-LP Series PCBA Information

Updated CozIR LP1-2	Software Revision Information
	Y,Jun 28 2023,16:50:46,LPX-nnn Where; Jun 28 2023, 16:50 is the firmware compile date and time LPX-nnn is the firmware revision PCB A ID LP41-1

Updated CozIR LP2-2 / CozIR Blink-2	Software Revision Information
	Y,Jun 28 2023,16:50:46,LPX-nnn Where; Jun 28 2023, 16:50 is the firmware compile date and time LPX-nnn is the firmware revision PCB A ID LP42-1

Updated CozIR LP3-2 /CozIR Blink-N-2	Software Revision Information
	Y,Jun 28 2023,16:50:46,LPX-nnn Where; Jun 28 2023, 16:50 is the firmware compile date and time LPX-nnn is the firmware revision

Gas Sensing Solutions Ltd.   **PCN23-002, 18/09/2023**

Datasheets

GSS will amend effected datasheets (as per Product table) accordingly. There will be one datasheet covering the entire CozIR-LP Series. We intend to issue the updated datasheet within the next 4-6 weeks.

Shipments

All new deliveries of a product will **not** include a mixture of versions (existing/upgraded). Due to logistical, supply chain and yield reasons. Confirmation of the product version will be indicated on the Sales Order Confirmation.

For the latest schedule and any other information, please contact your local sales office, your local distributor or info@gassensing.co.uk or +44 1236 781900.

Sample availability and enquiries

Samples of the new sensors are available on request from GSS. If you have any other enquiries please contact your local distributor or info@gassensing.co.uk alternatively please call +44 1236 781900.