

Information Letter Number: 191602

Date: 01. Jul 2019

Title: LG16 PCB update

Product Identification: LG16-xxxxD

Change Severity:	<input type="checkbox"/> Major	<input checked="" type="checkbox"/> Minor	
Reason for Change:	<input type="checkbox"/> Design	<input checked="" type="checkbox"/> Production	<input type="checkbox"/> Logistics
	<input type="checkbox"/> Manufacturing Location	<input type="checkbox"/> Quality/Reliability	<input checked="" type="checkbox"/> Material

Change Description:

The PCB for the LG16 is updated incorporating the following changes:

- Due to obsolescence of the component, the level shifter FET (2 pcs) is replaced by its successor with equivalent specification
- The analog output functionality has been removed following the discontinuation of the LG16-xxxxA analog output variants communicated earlier.
- The supply voltage regulation has been simplified without affecting the specified supply voltage characteristics.

For the LG16-xxxxD (with digital I2C output) form-fit-function-reliability are unaffected and datasheet specifications remain unchanged. The sensors with the new PCB are fully backwards compatible.

Following the change of the PCB, two upgrades to the LG16 series will be introduced:

- An additional LG16 product variant will be introduced: The new *LG16-0431D* will have the same flow range as the current LG16-0430D, but instead of the 6-40 coned fluidic ports, it will feature 1/4"-28 flat bottom ports (the same as LG16-1000D and LG16-2000D).
- The *LG16-2000D* will be upgraded to include an extended flow range (up to 10 ml/min for H₂O), as an additional calibration field. The existing calibration for water (5ml/min) remains unchanged to ensure backwards compatibility.

Identification Method to Distinguish Change:

Sensor serial number. (number as of which change will be implemented TBD)

Qualification Data:	<input type="checkbox"/> available	<input type="checkbox"/> will be available in WW__	<input checked="" type="checkbox"/> not applicable
Samples:	<input checked="" type="checkbox"/> available upon request	<input type="checkbox"/> will be available in WW__	<input type="checkbox"/> not applicable

Quantifiable Impact on Quality & Reliability:

None.

Estimated Implementation Date*: Sept 01, 2019

Last Time Buy Date: N/A

Last Ship Date: N/A

* The Estimated Implementation Date is the forecasted date that a customer may expect to receive changed product. This may be affected by fluctuations in supply and demand.

Sensirion Contact: info@sensirion.com

If you have questions with regard to this Information Letter, please send them to the Sensirion contact e-mail address listed above.