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## Azoteq Product Change Notice: IQS231A

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Issued Date: 6 July 2017

Effective Date: 28 July 2017

PCN Number: ACN\_IQS231A\_01

Product change classification: Minor

### 1 Azoteq Change Notification Policy

Azoteq appreciates that our customers often have long product life cycles. As Azoteq values our customers' needs, we try to keep our products in production for as long as possible. There are, however, legal, environmental or performance requirements that will sometimes necessitate the need for a running change to a part. We weigh this very carefully against the inconvenience caused to customers already in production.

Azoteq allows customers to request reservations for the final stock quantity that may be available in the warehouses after the final production run. The reservation requests will be assigned on a first come, first serve basis and must be confirmed by a formal order within 7 days of being notified of a successful stock reservation request.

### 2 Detailed Description of Changes

#### 2.1 Part Number Description Change

The IQS231A part number and order number will remain unchanged. The version number will be incremented and indicated on the package marking:

##### 2.1.1 TSOT23-6

Part number	IQS231A	IQS231A	IQS231A
Version number	1	2 (first batch)	2
Top marking	231AXX (where XX is batch a code AA..ZZ)	231A	231AXX
Bottom marking	none	none	vPPP (where "v" is the version number and "P" is an alphabetical character to indicate a three letter product code)



### 2.1.2 DFN10

Part number	IQS231A	IQS231A
Version number	1	2
Top marking	IQS231A1ipwwyy where p,w,y {0..9}	IQS231A2ipwwyy
Bottom marking	none	none

### 2.1.3 WLCSP-8

All WLCSP devices are version 2. No version 1 devices have been built.

## 2.2 Software Changes

The software of the IQS231A remains unchanged.

## 2.3 Internal Hardware Changes

Hardware has been modified to ensure a manufacturing yield improvement  
I2C hardware module has been updated to ensure improved wake-up time when polled.

## 2.4 External Hardware (Mechanical) Changes

No change

## 3 Impact on Customer Products

No impact expected.

The I2C wake-up time improvement will impact the I2C bus and free time for communication with other devices on the bus.

## 4 Recommended Action

Switch from version 1 to version 2 in order to ensure efficient supply chain.

## 5 Reference Documents/Attachments

N/A



## 6 Contact Information

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