



Azoteq Product Change Notice: (IQS525 & IQS572)

Internal Assessment Date: April 2017

External Issued Date: August 2018

Effective Date: July 2017

PCN Number: ACN_IQS525 IQS572_01

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.

The impact and implications of all changes described in our change notification has been thoroughly evaluated by Azoteq to maintain our standards of quality.

We have previously reviewed and accepted this product change internally, and with no impact to customer this running change was approved.

Having recently updated our Quality System to ISO:2015, we feel the need to disclose these minor updates by means of this PCN to customers.

2 Detailed Description of Changes

From July 2017 all IQS525 and IQS572 products have been manufactured exclusively at our second source IC assembly site. This pre-approved assembly site is the same outsourced semiconductor and test (OSAT) company as used for the primary source assembly site.

Manufacturing details (such as lead finish, mold compound, die attach glue and wire bonds) have been kept identical to ensure continuity with the primary assembly site.

This change is classified as a **minor** change, with no change in fit, function, reliability or process ability.

2.1 Part Number Description Change

No change.

2.2 Software Changes

No change.

2.3 Internal Hardware Changes

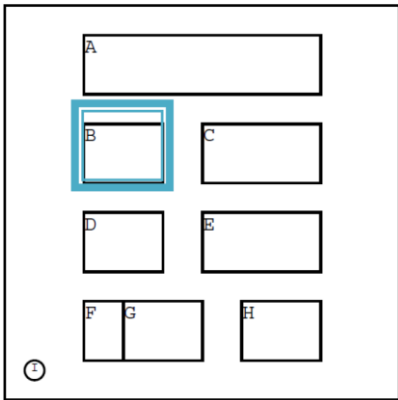
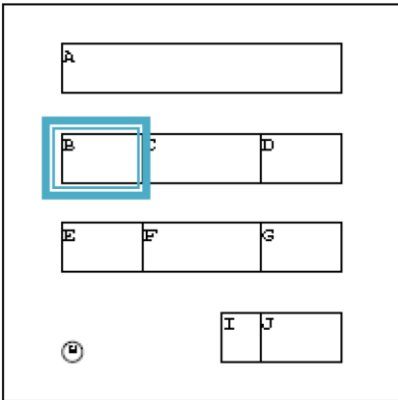
No change.



2.4 External Hardware (Mechanical) Changes

Traceability is maintained by means of an update to the IC marking.

Table 2.1 IC Marking Update

From	To
Marking in B was 'GH'	Marking in B updated to 'GQ'
	

A quality improvement has furthermore been implemented by using an enhanced lead frame with better lead shape for sawing robustness due to better neck design.

This has no impact on PCB footprint and customer PCB.

Table 2.2 Neck Design Improvement

From	To
	

3 Impact on Customer Products

None.

4 Recommended Action

Update IC Marking details to incoming QC inspection data.

5 Reference Documents/Attachments

None.




6 Contact Information

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