

## Product Change Notification (PCN)

**PCN1048 IXD\_609, IXD\_614, IXD\_630 Data Sheet Change**

**September 22, 2016**

### Detailed Description of Change

IXYS Integrated Circuits Division has made a specification change to the IXD\_609, IXD\_614, and IXD\_630, Low-Side Ultrafast MOSFET Drivers, product data sheets.

The suffix-YI (5-pin TO-263) package version Moisture Sensitivity Level (MSL) rating has changed from MSL 1 to MSL 3. Note that the non-YI suffix package versions of these products will remain at the MSL 1 rating level.

These changes are effective with Revision 7 (Rev. 7) of the IXD\_609 and IXD\_614 product data sheets and Revision 4 (Rev. 4) of the IXD\_630 product data sheet, which will be available online at [www.ixysic.com](http://www.ixysic.com).

The PCN number assigned to this action is **PCN1048** and should be referenced in any correspondence related to the change.

### Reason for Change

In order to provide additional assembly capacity and ensure guaranteed supply of the TO-263 suffix-YI package, IXYS ICD has qualified an additional assembly subcontractor. These TO-263 packages are rated MSL 3.

### Products Affected

IXDD609YI	IXDI609YI	IXDN609YI
IXDD614YI	IXDI614YI	IXDN614YI
IXDD630YI	IXDD630MYI	IXDI630YI
IXDI630MYI	IXDN630YI	IXDN630MYI

### Anticipated Impact on Quality and Reliability

The change will have no effect on product quality or reliability.

### Contact Information

For any questions related to the PCN notice, please contact IXYS Integrated Circuits Division's Quality Assurance Department as indicated below:

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Quality Assurance Department  
IXYS Integrated Circuits Division  
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To Our Valued Customers:

The following is to inform IXYS Integrated Circuits Division customers of an impending change on some of our products. These changes are part of our effort and commitment to continuous improvement of our processes and products. IXYS Integrated Circuits Division's quality system requires customer notification under the circumstances outlined below.

IXYS Integrated Circuits Division's notification policy states:

*IXYS Integrated Circuits Division is mindful that changes to process or product could have an adverse impact on our customers.*

*Therefore we verify, through our qualification methodology, that a change does not negatively affect product quality or reliability. We also verify that it does not impact form, fit, or function.*

*Changes to function are notified to the customer if the change could adversely affect the customer but not if the change is to enhance product performance beyond the current specification, for example, higher isolation voltage capability for Solid State Relays.*

*In cases where a planned change would impact form, fit, or would adversely affect function, quality or reliability, we notify the customer 90 days in advance.*

*We also notify our customers of planned product obsolescence.*

The following definitions apply:

*Form: the visual appearance including color, marking, and surface finish*

*Fit: the external dimensions and associated tolerances*

*Function: the electrical, mechanical, thermal, quality and reliability performance characteristics*

IXYS Integrated Circuits Division notifies customers of the changes using a Product Change Notification (PCN). Attached are the details of the pending product change.

Sincerely,

Tom Truax  
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