

Product Change Notification (PCN)

PCN1045 CPC1393 Data Sheet Change

November 6, 2015

Detailed Description of Change

IXYS Integrated Circuits Division has made a specification change to the CPC1393 600V, Optically Isolated Solid State Relay product data sheet.

The moisture sensitivity level (MSL) classification of the CPC1393GR (surface mount package version) has changed from MSL 1 to MSL 3. Note that the CPC1393G and CPC1393GV package versions of this product will remain at the MSL 1 rating.

These changes are effective with Revision 6 (Rev. 6) of the product data sheet dated November 6, 2015, which is available online at www.ixysic.com.

The PCN number assigned to this action is **PCN1045** and should be referenced in any correspondence related to the change.

Reason for Change

The MSL 3 rating (bake, dry pack and seal) for the CPC1393GR will ensure the device is properly conditioned and the package is protected from moisture ingress during transportation and storage thereby preventing popcorning or cracking of the device body during solder reflow.

Products Affected

CPC1393GR (tube)
CPC1393GRTR (tape and reel)

Anticipated Impact on Quality and Reliability

The change will improve the product quality and reliability.

Contact Information

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

Martha Brandt
Quality Assurance Department
IXYS Integrated Circuits Division
78 Cherry Hill Dr.
Beverly MA, 01915
Phone: 978-524-6700

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To Our Valued Customers:

The following is to inform IXYS Integrated Circuits Division customers of an impending change to one of our products. This change is 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,

Steven Andrezyk
Director of Marketing
IXYS Integrated Circuits Division
78 Cherry Hill Dr.
Beverly MA, 01915
Phone: 978-524-6700