IXYS
INTEGRATED CIRCUITS DIVISION

Product Change Notice: PCN1031

Double-Mold Construction for CPC2125N
PCN1031
June 13, 2014

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June 13, 2014

To Our Valued Customers:

The following is to inform IXYS Integrated Circuits Division customers of an impending change to the CPC2125N Dual Single-Pole, Normally Closed 8-Pin SOIC OptoMOS Relay. As part of our commitment to continuous improvement of our processes and products, we occasionally make revisions to the construction and materials used in our parts. 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

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Part Change Notification

The PCN number assigned to the change is **PCN1031** and should be referenced in any correspondence related to the change.

Products Affected

CPC2125N

Detailed Description of Change

IXYS Integrated Circuits Division will be changing the assembly of the device from an optical gel-based lightpath construction to a double-molded construction. The change will take effect immediately.

Reason for the Change

The change will increase assembly automation, reduce product variability and increase the overall product quality.

Anticipated Impact on Quality and Reliability

This change will have improved product quality. The maximum off-state leakage current specification limit will increase from 1uA to 5uA as reflected on the new data sheet DS-CPC2125N-R03

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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