

IXYS ICD Product Change Notification (PCN)

PCN1065

4-Pin SOP Optical Devices Data Sheet Change

June 19, 2018

Detailed Description of Change

IXYS Integrated Circuits Division has qualified a new mold epoxy for our 4-pin SOP solid state relays that ensures these parts are now halogen-free providing an environmentally green product.

In addition, the Input Voltage Drop (V_F) maximum specification at $I_F=5mA$ for the LED input on these products has changed from 1.4V to 1.5V. The forward voltage (V_F) is increased to ensure the security of supply due to high demand for these products.

The changes are effective immediately and are documented in the updated data sheets for these products, which are available online at www.ixysic.com.

The PCN number assigned to this action is **PCN1065** and should be referenced in any correspondence related to the change.

Reason for Change

The new mold epoxy will provide an environmentally green solution to our customers.

The change in maximum LED Input Voltage Drop is for security of supply requiring specification relief.

Products Affected

(All versions of product numbers below including tape & reel and tube)

| | |
|-----------------------|-----------------------|
| CPC1001N / CPC1001NTR | CPC1114N / CPC1114NTR |
| CPC1002N / CPC1002NTR | CPC1117N / CPC1117NTR |
| CPC1004N / CPC1004NTR | CPC1125N / CPC1125NTR |
| CPC1009N / CPC1009NTR | CPC1130N / CPC1130NTR |
| CPC1019N / CPC1019NTR | CPC1135N / CPC1135NTR |
| CPC1020N / CPC1020NTR | CPC1231N / CPC1231NTR |
| CPC1106N / CPC1106NTR | |

Anticipated Impact on Quality and Reliability

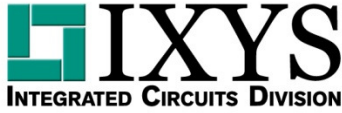
The change will have no effect on product quality or reliability.

Contact Information

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

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

IXYS is now part of Littelfuse



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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,

Steven Andrezyk
Director of Marketing
IXYS Integrated Circuits Division

IXYS is now part of Littelfuse