

## IXYS ICD Product Change Notification (PCN)

**PCN1058**

**4-Pin SOP Solid State Relay Data Sheet Change**

**February 2, 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 on February 2, 2018 and are documented in the updated data sheets for these products, which are available online at [www.ixysic.com](http://www.ixysic.com).

The PCN number assigned to this action is **PCN1058** 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 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)

CPC1006N / CPC1006NTR  
CPC1010N / CPC1010NTR  
CPC1014N / CPC1014NTR  
CPC1016N / CPC1016NTR  
CPC1018N / CPC1018NTR  
CPC1025N / CPC1025NTR  
CPC1030N / CPC1030NTR  
CPC1225N / CPC1225NTR  
CPC1230N / CPC1230NTR

### 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  
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IXYS is now part of Littelfuse



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## 4-Pin SOP Solid State Relay Data Sheet Data Sheet Change February 2, 2018

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