

IXYS ICD Product Change Notification (PCN)

PCN1074

CPC1017 Data Sheet Change

December 13, 2019

Detailed Description of Change

IXYS Integrated Circuits Division (ICD), now part of Littelfuse, has made a specification change to the CPC1017N. Device specification “Input Control Current to Deactivate” located in the “Input Characteristics” section of the “Electrical Characteristics” table has been replaced by “Input Voltage to Deactivate” with a minimum rating of 0.8V. No modifications have been made to the device, this is a data sheet specification change only.

This change is effective immediately and will be documented concurrently with the release of PCN1074 in the updated CPC1017N data sheet, available online at www.ixysic.com.

The PCN number assigned to this action is **PCN1074** and should be referenced in any correspondence related to the change.

Reason for Change

Over time, the efficiency of the LEDs provided by our vendor has increased causing the CPC1017N to remain active, in the on-state, at reduced levels of input control current.

Lot-to-lot variations of the improved LED efficiency have resulted in some lots having a decreased input control current level capable of sustaining the on-state that violated our previous “Input Control Current to Deactivate” specification. To guarantee the relay’s transition from the on-state to the off-state (Deactivation), the input control condition to deactivate has been changed from a current specification to a voltage specification.

Products Affected

CPC1017N
CPC1017NTR

Anticipated Impact on Quality and Reliability

The change does not affect product quality and reliability. This is a documentation change only.

Contact Information

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

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

IXYS is now part of Littelfuse