

PCN1037
Update to Electrical Specifications
OAA160/OAA160P

November 19, 2014

To Our Valued Customers:

The following is to inform IXYS Integrated Circuits Division customers of an impending change to electrical specification for the OAA160 and OAA160P solid state relay products. As part of our commitment to ensure the best product value to our customers, we occasionally make revisions to the specifications for our 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 Andreyk
Director of Marketing

Part Change Notification

The PCN number assigned to the change is **PCN1037** and should be referenced in any correspondence related to the change.

Products Affected

OAA160(S, STR), OAA160P(TR)

Detailed Description of Change

IXYS Integrated Circuits Division will be updating the datasheet for the products listed. Specific changes are to change the lower limit for t-on (time required for the device to switch from an off state to an on state) from a minimum specified time of 60 microseconds (μs) to a new lower limit of 20 microseconds (μs). This specification change only applies to the condition where the LED current is 4mA as stated in the data sheet. The change will occur on product shipped after January 15, 2015.

Reason for the Change

The change will allow for maintaining existing product cost

Anticipated Impact on Quality and Reliability

None.

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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