

Product Change Notification (PCN)

PCN1040B Laser Brand Transition Addendum for LOC Devices to PCN1040

August 19, 2016

This PCN is an addendum to PCN1040 that adds the LOC family of devices into the list of parts manufactured and shipped with laser branding. These devices were not included in the original notification.

Detailed Description of Change

IXYS Integrated Circuits Division has been converting from device ink branding to laser marking as stated in "PCN1040 Laser Branding Transition" dated March 30,2015. This branding change only affects the visual appearance (or "form") of the devices. The LOC family of devices were not listed in Product Change Notification PCN1040 nor PCN1040A, the amendment to correct and update PCN1040.

Effective with this change notice, the LOC family of devices will begin shipping with laser branding in addition to ink branding. Unlike the devices listed in PCN1040 and PCN1040A, the LOC devices will continue to ship indefinitely with both branding methods. Shipments may contain both ink-branded and laser-marked parts. However, at no time will ink-branded and laser-marked parts be combined into the lowest-level shipping container (i.e. tube or tape and reel).

For the LOC products affected by this change, the complete set of unique part numbers is provided in the listing shown on the following page of this change notice.

The PCN number assigned to this notification is **PCN1040B** and should be referenced in any correspondence related to the change.

Please see the complete listing of affected LOC part numbers below.

Reason for Change

The addition of laser branding to the LOC devices is to improve manufacturing efficiency and throughput by means of automation. No other characteristics of the part will change.

Anticipated Impact on Quality and Reliability

This change will have no affect on product quality or reliability.

Contact Information

For any questions related to this 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 Integrated Circuits Division Part Number

LOC110
LOC110P
LOC110PTR
LOC110S
LOC110STR

LOC111
LOC111P
LOC111PTR
LOC111S
LOC111STR

LOC112
LOC112P
LOC112PTR
LOC112S
LOC112STR

LOC117
LOC117P
LOC117PTR
LOC117S
LOC117STR

LOC210P
LOC210PTR

LOC211P
LOC211PTR



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To Our Valued Customers:

The following is to inform IXYS Integrated Circuits Division customers of the addition of laser marking to the family of LOC devices. This notification is 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
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