

Product Change Notification (PCN)

PCN1040 Laser Brand Transition

March 30, 2015

Detailed Description of Change

IXYS Integrated Circuits Division will be changing device marking from ink branding to laser mark. This change will only affect the visual appearance (or “form”) of the devices listed in this Product Change Notification.

The manufacturing process change will take effect on June 28, 2015, 90 days from the date of this notice. The products affected by the transition will coincide with date code 1527 (27th week of 2015), which is a visible identifier of the product.

Due to existing inventory, some shipments may contain ink-branded devices for a period of time. Some shipments could contain both ink-branded and laser-marked parts. 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). Ink-branded devices may continue to be shipped for a period of two years following the effective date or until inventory of ink-branded parts subject to the change is depleted.

The PCN number assigned to this action is **PCN1040** and should be referenced in any correspondence related to the change.

Reason for Change

The adjustment in package branding will improve efficiency and automation. No other characteristics of the part will change.

Note: In the following two sections, the letter “x” is a non-specified place holder used to indicate that all part number variations with the given prefix is included in the list (e.g. CPC10xx applies to all part numbers that start with “CPC10”, such as CPC1002 and CPC1014).

Additionally, these part numbers include all suffix versions offered in tubes (e.g. -S, -P, -L) and tape-and-reel (e.g. -STR, -PTR, -LSTR, -PLTR). For a more detailed list of affected parts, please refer to Pages 3 through 5 of this notice.

Products Affected

CPC10xx, CPC11xx, CPC12xx, CPC13xx, CPC14xx, CPC15xx, CPC1706, CPC1726, CPC1906, CPC1907, CPC1916, CPC1926, CPC1938, CPC1943, CPC1945, CPC1961, CPC1963, CPC1964, CPC1965, CPC1966, CPC1972, CPC1973, CPC1976, CPC1981, CPC1983, CPC20xx, CPC21xx, CPC23xx, CPC24xxx, CPC50xx, CPC5601, CPC5620, CPC5621, CPC5622, CPC59xx, CPC7508, CPC7512, CPC7514, CPC75282, CPC7591, CPC7592, CPC7593, CPC7594, CPC76xx, FDAxxx, IAA110, IAA135, IAB110, IAD110, IBB110, ITCxxx, IX2113, IX31xx, LAAxxx, LBAxxx, LBBxxx, LCAxxx, LCBxxx, LCCxxx, LDAxxx, LIAxxx, OAAxxx, OMAxxx, PAAxxx, PBAxxx, PBBxxx, PDxxxx, PLAxxx, PLBxxx, PMxxxx, PSxxxx, TSxxx, XAAxxx, XBAxxx, XBBxxx, XCAxxx, XCBxxx, XSxxx

PCN1040 Laser Brand Transition**March 30, 2015****Products NOT Affected**

The enclosed listing consists of part numbers that are either already laser-marked or will remain ink-branded.

CPC1708, CPC1709, CPC1718, CPC1727, CPC1777, CPC1779, CPC1786, CPC1788, CPC18xx, CPC1908, CPC1909, CPC1918, CPC1927, CPC1967, CPC1968, CPC1977, CPC1978, CPC1979, CPC1986, CPC1988, CPC1998, CPC37xx, CPC39xx, CPC40055, CPC44055, CPC5602, CPC5603, CPC5608, CPC57xx, CPC7220, CPC7232, CPC7556, CPC7557, CPC7581, CPC7583, CPC7701, CPC9909, CYGxxxx, IX2127, IX21844, IX2204, IX44xx, IX9908, IXD_602, IXD_604, IXD_609, IXD_614, IXD_630, IXEPxxxx, LAA117, LAA126, LBA126, LBA145, LCA126, LOCxxx, M-949-11, M-980-02, M-982-02, M-986-2RT2, MXxxx, MXEIxxxx, MXHV9910, NCD2100, PCB-based evaluation platforms

Anticipated Impact on Quality and Reliability

The change will have no affect 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

Part Numbers Affected/Not Affected by Laser Brand Transition:

*Includes all versions offered in tube and tape and reel unless otherwise specified

Part Number	Affected by Change?
CPC1001N	Yes
CPC1002N	Yes
CPC1004N	Yes
CPC1006N	Yes
CPC1008N	Yes
CPC1009N	Yes
CPC1014N	Yes
CPC1016N	Yes
CPC1017N	Yes
CPC1018N	Yes
CPC1019N	Yes
CPC1020N	Yes
CPC1025N	Yes
CPC1030N	Yes
CPC1035N	Yes
CPC1106N	Yes
CPC1114N	Yes
CPC1117N	Yes
CPC1125N	Yes
CPC1130N	Yes
CPC1135N	Yes
CPC1150N	Yes
CPC1215G	Yes
CPC1217Y	Yes
CPC1218Y	Yes
CPC1219Y	Yes
CPC1225N	Yes
CPC1230N	Yes
CPC1231N	Yes
CPC1301	Yes
CPC1302	Yes
CPC1303	Yes
CPC1317P	Yes
CPC1330	Yes
CPC1333	Yes
CPC1335P	Yes
CPC1390	Yes
CPC1391	Yes
CPC1393	Yes
CPC1394	Yes
CPC1465	Yes
CPC1466	Yes
CPC1510	Yes

Part Number	Affected by Change?
CPC1540	Yes
CPC1560	Yes
CPC1563	Yes
CPC1580	Yes
CPC1590	Yes
CPC1593	Yes
CPC1706Y	Yes
CPC1708J	No
CPC1709J	No
CPC1718J	No
CPC1726Y	Yes
CPC1727J	No
CPC1777J	No
CPC1779J	No
CPC1786J	No
CPC1788J	No
CPC1822N	No
CPC1824N	No
CPC1831N	No
CPC1832N	No
CPC1906Y	Yes
CPC1907B	Yes
CPC1908J	No
CPC1909J	No
CPC1916Y	Yes
CPC1918J	No
CPC1926Y	Yes
CPC1927J	No
CPC1938B	Yes
CPC1943G	Yes
CPC1945	Yes
CPC1961	Yes
CPC1963	Yes
CPC1964	Yes
CPC1965	Yes
CPC1966	Yes
CPC1967J	No
CPC1968J	No
CPC1972	Yes
CPC1973Y	Yes
CPC1976Y	Yes
CPC1977J	No
CPC1978J	No

Part Number	Affected by Change?
CPC1979J	No
CPC1981Y	Yes
CPC1983	Yes
CPC1986J	No
CPC1988J	No
CPC1998J	No
CPC2014N	Yes
CPC2017N	Yes
CPC2025N	Yes
CPC2030N	Yes
CPC2125N	Yes
CPC2317N	Yes
CPC2330N	Yes
CPC2400E	Yes
CPC3701C	No
CPC3703C	No
CPC3708C	No
CPC3710C	No
CPC3714C	No
CPC3720C	No
CPC3730C	No
CPC3780C	No
CPC3902	No
CPC3909	No
CPC3960	No
CPC3980	No
CPC3982	No
CPC40055ST	No
CPC44055ST	No
CPC5001	Yes
CPC5002	Yes
CPC5601D	Yes
CPC5602C	No
CPC5603C	No
CPC5608N	No
CPC5620A	Yes
CPC5621A	Yes
CPC5622A	Yes
CPC5710N	No
CPC5712U	No
CPC5750U	No
CPC5902	Yes
CPC5903	Yes

Part Numbers Affected/Not Affected by Laser Brand Transition:

*Includes all versions offered in tube and tape and reel unless otherwise specified

Part Number	Affected by Change?
CPC7220	No
CPC7232	No
CPC7508B	Yes
CPC7512Z	Yes
CPC7514Z	Yes
CPC75282KA	Yes
CPC7556N	No
CPC7557N	No
CPC7581	No
CPC7583	No
CPC7591	Yes
CPC7592	Yes
CPC7593	Yes
CPC7594	Yes
CPC7601K	Yes
CPC7691	Yes
CPC7692	Yes
CPC7695	Yes
CPC7701K	No
CPC9909	No
CYG2000	No
CYG2011	No
CYG2020	No
CYG2100	No
CYG2110	No
CYG2111	No
CYG2217	No
CYG2218	No
CYG2320	No
FDA215	Yes
FDA217	Yes
IAA110P	Yes
IAA135P	Yes
IAB110P	Yes
IAD110P	Yes
IBB110P	Yes
ITC117P	Yes
ITC117PL	Yes
ITC135P	Yes
ITC137P	Yes
IX2113	Yes
IX2127	No
IX21844	No

Part Number	Affected by Change?
IX2204NE	No
IX3120	Yes
IX3180	Yes
IX4423	No
IX4424	No
IX4425	No
IX4426	No
IX4427	No
IX4428	No
IX9908N	No
IXD_602	No
IXD_604	No
IXD_609	No
IXD_614	No
IXD_630	No
IXEP1400	No
IXEP2300	No
LAA100	Yes
LAA100L	Yes
LAA108	Yes
LAA110	Yes
LAA110L	Yes
LAA117	Yes
LAA120	Yes
LAA120L	Yes
LAA125	Yes
LAA125L	Yes
LAA126	Yes
LAA126L	Yes
LAA127	Yes
LAA127L	Yes
LAA710	Yes
LBA110	Yes
LBA110L	Yes
LBA120	Yes
LBA120L	Yes
LBA126	Yes
LBA126L	Yes
LBA127	Yes
LBA127L	Yes
LBA145	Yes
LBA710	Yes
LBA716	Yes

Part Number	Affected by Change?
LBB110	Yes
LBB120	Yes
LBB126	Yes
LBB127	Yes
LCA100	Yes
LCA100L	Yes
LCA110	Yes
LCA110L	Yes
LCA120	Yes
LCA120L	Yes
LCA125	Yes
LCA125L	Yes
LCA126	Yes
LCA127	Yes
LCA127L	Yes
LCA129	Yes
LCA145	Yes
LCA147	Yes
LCA182	Yes
LCA210	Yes
LCA210L	Yes
LCA220	Yes
LCA222	Yes
LCA701	Yes
LCA710	Yes
LCA712	Yes
LCA715	Yes
LCA717	Yes
LCB110	Yes
LCB111	Yes
LCB120	Yes
LCB126	Yes
LCB127	Yes
LCB710	Yes
LCB716	Yes
LCB717	Yes
LCC110	Yes
LCC120	Yes
LDA100	Yes
LDA101	Yes
LDA102	Yes
LDA110	Yes
LDA111	Yes

Part Numbers Affected/Not Affected by Laser Brand Transition:

*Includes all versions offered in tube and tape and reel unless otherwise specified

Part Number	Affected by Change?
LDA200	Yes
LDA201	Yes
LDA202	Yes
LDA203	Yes
LDA210	Yes
LDA211	Yes
LDA212	Yes
LDA213	Yes
LIA120	Yes
LIA130	Yes
LOC110	No
LOC111	No
LOC112	No
LOC117	No
LOC210	No
LOC211	No
M-949-11	No
M-980-02	No
M-982-02	No
M-986-2RT2	No
MX860	No
MX877R	No
MX879R	No
MX887	No
MXEI1480	No
MXEI2240	No
MXHV9910	No
NCD2100	No
OAA160	Yes
OMA160	Yes
OMA166	Yes
PAA110	Yes
PAA110L	Yes
PAA127	Yes
PAA132	Yes
PAA140	Yes
PAA140L	Yes
PAA150	Yes
PAA190	Yes
PAA191	Yes
PAA193	Yes
PBA150	Yes
PBB150	Yes
PBB190	Yes

Part Number	Affected by Change?
PD1201	Yes
PD2401	Yes
PD2601	Yes
PLA110	Yes
PLA110L	Yes
PLA132	Yes
PLA134	Yes
PLA140	Yes
PLA140L	Yes
PLA143	Yes
PLA150	Yes
PLA160	Yes
PLA170	Yes
PLA171	Yes
PLA190	Yes
PLA191	Yes
PLA192	Yes
PLA193	Yes
PLA194	Yes
PLB150	Yes
PLB190	Yes
PM1204	Yes
PM1205	Yes
PM1206	Yes
PS1201	Yes
PS2401	Yes
PS2601	Yes
TS117	Yes
TS117L	Yes
TS118	Yes
TS120	Yes
TS122	Yes
TS124	Yes
TS190	Yes
TS190L	Yes
XAA117	Yes
XAA170	Yes
XBA170	Yes
XBB170	Yes
XCA111	Yes
XCA170	Yes
XCB170	Yes
XS170	Yes

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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 Andreyk
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