

**Laser Brand Transition Amendment  
To Correct and Clarify PCN1040  
PCN1040A  
September 4, 2015**

## Product Change Notification (PCN)

### PCN1040A Laser Brand Transition Amendment to Correct and Clarify PCN1040

September 4, 2015

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**This PCN is an amendment to provide a detailed part number listing of the devices affected by PCN1040 and further clarify 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. That change only affects the visual appearance (or "form") of the devices listed in Product Change Notification PCN1040.

The manufacturing process change took effect on June 28, 2015 which coincides with date code 1527, (27<sup>th</sup> week of 2015), a visible identifier on the product.

For each product affected by that change, its complete set of unique part numbers is provided in the listing shown on the following pages of this change notice.

Due to existing inventory, some shipments may contain ink-branded devices for a period of time. Some shipments may 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 notification is **PCN1040A** and should be referenced in any correspondence related to the change.

**Please see the complete part number list of affected devices below.**

#### Reason for Change

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

#### 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

**IXYS ICD Part No**

CPC1001N	CPC1981Y	LAA110	LCA701S	PBA150S
CPC1001NTR	CPC1983B	LAA110L	LCA701STR	PBA150STR
CPC1002N	CPC1983Y	LAA110LS	LCA710	PBB150
CPC1002NTR	CPC2014N	LAA110LSTR	LCA710R	PBB150P
CPC1004N	CPC2014NTR	LAA110P	LCA710RTR	PBB150PTR
CPC1004NTR	CPC2017N	LAA110PL	LCA710S	PBB150S
CPC1006N	CPC2017NTR	LAA110PLTR	LCA710STR	PBB150STR
CPC1006NTR	CPC2025N	LAA110PTR	LCA712	PBB190
CPC1008N	CPC2025NTR	LAA110S	LCA712S	PBB190S
CPC1008NTR	CPC2030N	LAA110STR	LCA712STR	PBB190STR
CPC1009N	CPC2030NTR	LAA120	LCA715	PD1201
CPC1009NTR	CPC2125N	LAA120L	LCA715S	PD1201S
CPC1014N	CPC2125NTR	LAA120LS	LCA715STR	PD2401
CPC1014NTR	CPC2317N	LAA120LSTR	LCA717	PD2401X2
CPC1016N	CPC2317NTR	LAA120P	LCA717S	PD2601
CPC1016NTR	CPC2330N	LAA120PL	LCA717STR	PLA110
CPC1017N	CPC2330NTR	LAA120PLTR	LCB110	PLA110L
CPC1017NTR	CPC2400E	LAA120PTR	LCB110S	PLA110LS
CPC1018N	CPC5001G	LAA120S	LCB110STR	PLA110LSTR
CPC1018NTR	CPC5001GS	LAA120STR	LCB111	PLA110S
CPC1019N	CPC5001GSTR	LAA125	LCB111S	PLA110STR
CPC1019NTR	CPC5002G	LAA125L	LCB111STR	PLA132
CPC1020N	CPC5002GS	LAA125LS	LCB120	PLA132S
CPC1020NTR	CPC5002GSTR	LAA125LSTR	LCB120S	PLA132STR
CPC1025N	CPC5601D	LAA125P	LCB120STR	PLA134
CPC1025NTR	CPC5601DTR	LAA125PL	LCB126	PLA134S
CPC1030N	CPC5620A	LAA125PLTR	LCB126S	PLA134STR
CPC1030NTR	CPC5620ATR	LAA125PTR	LCB126STR	PLA140
CPC1035N	CPC5621A	LAA125S	LCB127	PLA140L
CPC1035NTR	CPC5621ATR	LAA125STR	LCB127S	PLA140LS
CPC1106N	CPC5622A	LAA127	LCB127STR	PLA140LSTR
CPC1106NTR	CPC5622ATR	LAA127L	LCB710	PLA140S
CPC1114N	CPC5902G	LAA127LS	LCB710S	PLA140STR
CPC1114NTR	CPC5902GS	LAA127LSTR	LCB710STR	PLA143
CPC1117N	CPC5902GSTR	LAA127P	LCB716	PLA143S
CPC1117NTR	CPC5903G	LAA127PL	LCB716S	PLA143STR
CPC1125N	CPC5903GS	LAA127PLTR	LCB716STR	PLA150
CPC1125NTR	CPC5903GSTR	LAA127PTR	LCB717	PLA150S
CPC1130N	CPC7508B	LAA127S	LCB717S	PLA150STR
CPC1130NTR	CPC7508BTR	LAA127STR	LCB717STR	PLA160
CPC1135N	CPC7512Z	LAA710	LCC110	PLA160S
CPC1135NTR	CPC7512ZTR	LAA710S	LCC110P	PLA160STR
CPC1150N	CPC7514Z	LAA710STR	LCC110PTR	PLA170
CPC1150NTR	CPC7514ZTR	LBA110	LCC110R	PLA170S
CPC1215G	CPC75282KA	LBA110L	LCC110RTR	PLA170STR
CPC1217Y	CPC75282KATR	LBA110LS	LCC110S	PLA171P
CPC1218Y	CPC7591BA	LBA110LSTR	LCC110STR	PLA171PTR
CPC1225N	CPC7591BATR	LBA110P	LCC120	PLA190
CPC1225NTR	CPC7591BB	LBA110PLTR	LCC120S	PLA190S
CPC1230N	CPC7591BBTR	LBA110PTR	LCC120STR	PLA190STR

CPC1230NTR	CPC7592BA	LBA110S	LDA100	PLA191
CPC1231N	CPC7592BATR	LBA110STR	LDA100S	PLA191S
CPC1231NTR	CPC7592BB	LBA120	LDA100STR	PLA191STR
CPC1301G	CPC7592BBTR	LBA120L	LDA101	PLA191V
CPC1301GR	CPC7592BC	LBA120LS	LDA101S	PLA192
CPC1301GRTR	CPC7592BCTR	LBA120LSTR	LDA101STR	PLA192E
CPC1302G	CPC7593BA	LBA120P	LDA102	PLA192ES
CPC1302GS	CPC7593BATR	LBA120PTR	LDA102S	PLA192ESTR
CPC1302GSTR	CPC7593BB	LBA120S	LDA102STR	PLA192S
CPC1303G	CPC7593BBTR	LBA120STR	LDA110	PLA192STR
CPC1303GR	CPC7593BC	LBA127	LDA110S	PLA193
CPC1303GRTR	CPC7593BCTR	LBA127L	LDA110STR	PLA193E
CPC1317P	CPC7593ZA	LBA127LS	LDA111	PLA193ES
CPC1317PTR	CPC7593ZATR	LBA127LSTR	LDA111S	PLA193ESTR
CPC1330G	CPC7593ZB	LBA127P	LDA111STR	PLA193S
CPC1330GR	CPC7593ZBTR	LBA127PTR	LDA200	PLA193STR
CPC1330GRTR	CPC7593ZC	LBA127S	LDA200S	PLA194
CPC13310GR	CPC7593ZCTR	LBA127STR	LDA200STR	PLA194S
CPC1331GRTR	CPC7594BA	LBA710	LDA201	PLA194STR
CPC1333G	CPC7594BATR	LBA710S	LDA201S	PLB150
CPC1333GR	CPC7601K	LBA710STR	LDA201STR	PLB150S
CPC1333GRTR	CPC7601KTR	LBA716	LDA202	PLB150STR
CPC1335P	CPC7691BA	LBA716S	LDA202S	PLB190
CPC1335PTR	CPC7691BATR	LBA716STR	LDA202STR	PLB190S
CPC1390G	CPC7691BB	LBB110	LDA203	PLB190STR
CPC1390GR	CPC7691BBTR	LBB110P	LDA203S	PM1204
CPC1390GRTR	CPC7692BC	LBB110PTR	LDA203STR	PM1204S
CPC1390GV	CPC7692BCTR	LBB110S	LDA210	PM1205
CPC1393G	CPC7695BA	LBB110STR	LDA210S	PM1205S
CPC1393GR	CPC7695BATR	LBB120	LDA210STR	PM1205STR
CPC1393GRTR	CPC7695BB	LBB120H	LDA211	PM1206
CPC1393GV	CPC7695BBTR	LBB120HS	LDA211S	PM1206C
CPC1394G	CPC7695BC	LBB120S	LDA211STR	PM1206S
CPC1394GR	CPC7695BCTR	LBB120STR	LDA212	PM1206STR
CPC1394GRTR	CPC7695ZA	LBB126	LDA212S	PS1201
CPC1394GV	CPC7695ZATR	LBB126P	LDA212STR	PS2401
CPC1465D	CPC7695ZB	LBB126PTR	LDA213	PS2601
CPC1465DTR	CPC7695ZBTR	LBB126S	LDA213S	TS117
CPC1465M	CPC7695ZC	LBB126STR	LDA213STR	TS117L
CPC1465MTR	CPC7695ZCTR	LBB127	LIA120	TS117LS
CPC1466D	FDA215	LBB127P	LIA120S	TS117LSTR
CPC1466DTR	FDA215S	LBB127PTR	LIA120STR	TS117P
CPC1510G	FDA215STR	LBB127S	LIA130	TS117PL
CPC1510GS	FDA217	LBB127STR	LIA130S	TS117PLTR
CPC1510GSTR	FDA217S	LCA100	LIA130STR	TS117PTR
CPC1540G	FDA217STR	LCA100L	OAA160	TS117S
CPC1540GS	IAA110P	LCA100LS	OAA160P	TS117STR
CPC1540GSTR	IAA110PTR	LCA100LSTR	OAA160PTR	TS118
CPC1560G	IAB110P	LCA100S	OAA160S	TS118P
CPC1560GS	IAB110PTR	LCA100STR	OAA160STR	TS118PTR
CPC1560GSTR	IAD110P	LCA110	OMA160	TS118S
CPC1563G	IAD110PTR	LCA110L	OMA160S	TS118STR
CPC1563GS	IBB110P	LCA110LS	OMA160STR	TS120
CPC1563GSTR	IBB110PTR	LCA110LSTR	PAA110	TS120P
CPC1580P	ITC100P	LCA110S	PAA110L	TS120PL

CPC1580PTR	ITC100PTR	LCA110STR	PAA110LS	TS120PLTR
CPC1590P	ITC107P	LCA120	PAA110LSTR	TS120PTR
CPC1590PTR	ITC107PTR	LCA120L	PAA110P	TS120S
CPC1593G	ITC117P	LCA120LS	PAA110PL	TS120STR
CPC1593GS	ITC117PL	LCA120LSTR	PAA110PLTR	TS190
CPC1593GSTR	ITC117PLTR	LCA120S	PAA110S	TS190P
CPC1706Y	ITC117PTR	LCA120STR	PAA110STR	TS190PL
CPC1726Y	ITC135P	LCA125	PAA127	TS190PLTR
CPC1906Y	ITC135PTR	LCA125L	PAA127P	TS190PTR
CPC1907B	ITC137P	LCA125LS	PAA127PTR	TS190S
CPC1916Y	ITC137PTR	LCA125LSTR	PAA127S	XAA117
CPC1926Y	IX2113B	LCA125S	PAA127STR	XAA117P
CPC1943G	IX2113BTR	LCA125STR	PAA132	XAA117PTR
CPC1943GS	IX2113G	LCA127	PAA132S	XAA117S
CPC1943GSTR	IX3120G	LCA127L	PAA132STR	XAA117STR
CPC1945G	IX3120GE	LCA127LS	PAA140	XAA170
CPC1945Y	IX3120GES	LCA127LSTR	PAA140L	XAA170S
CPC1961G	IX3120GESTR	LCA127S	PAA140LS	XAA170STR
CPC1961GS	IX3120GS	LCA127STR	PAA140LSTR	XBA170
CPC1961GSTR	IX3120GSTR	LCA129	PAA140P	XBA170P
CPC1963G	IX3180G	LCA129S	PAA140PTR	XBA170PTR
CPC1963GS	IX3180GS	LCA129STR	PAA140S	XBA170S
CPC1963GSTR	IX3180GSTR	LCA182	PAA140STR	XBA170STR
CPC1964B	LAA100	LCA182S	PAA150	XBB170
CPC1964BX6	LAA100L	LCA182STR	PAA150P	XBB170P
CPC1964G	LAA100LS	LCA210	PAA150PTR	XBB170PTR
CPC1964Y	LAA100LSTR	LCA210L	PAA150S	XBB170S
CPC1965G	LAA100P	LCA210LS	PAA150STR	XBB170STR
CPC1965Y	LAA100PL	LCA210LSTR	PAA190	XCA170
CPC1966B	LAA100PLTR	LCA210S	PAA190S	XCA170S
CPC1966Y	LAA100PTR	LCA210STR	PAA190STR	XCA170STR
CPC1966YX6	LAA100S	LCA211	PAA191	XCB170
CPC1972G	LAA100STR	LCA211S	PAA191S	XCB170S
CPC1972GS	LAA108	LCA211STR	PAA191STR	XCB170STR
CPC1972GSTR	LAA108P	LCA220	PAA193	XS170
CPC1973Y	LAA108PTR	LCA220S	PAA193S	XS170P
CPC1976Y	LAA108S	LCA220STR	PAA193STR	XS170PTR
CPC1976YX6	LAA108STR	LCA701	PBA150	XS170S
				XS170STR



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PCN1040A Laser Brand Transition Amendment to Correct and Clarify PCN1040  
September 4, 2015

To Our Valued Customers:

The following is to update IXYS Integrated Circuits Division customers of the laser marking change. 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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Phone: 978-524-6700