

IXYS ICD Product Change Notification (PCN)

PCN1067 LED Input Voltage Drop Data Sheet Change October 8, 2018

Detailed Description of Change

The data sheet LED Input Voltage Drop (V_F) maximum specification of these products has changed from 1.4V to 1.5V. For most devices, the Forward Current (I_F) test condition at which the Input Voltage is measured is $I_F=5\text{mA}$. For the LCA210 family of parts, the test condition has changed from $I_F=8\text{mA}$ to $I_F=10\text{mA}$ while the test condition of the LCA220 family of parts remains unchanged at $I_F=10\text{mA}$. See the tables below for clarification. The forward voltage (V_F) increase is necessary to ensure the security of supply due to high demand of these products.

This change is effective January 6, 2019 and is documented in the updated data sheets for these products, which are available online at www.ixysic.com.

The PCN number assigned to this action is **PCN1067** and should be referenced in any correspondence related to the change.

Reason for Change

The change in maximum LED Input Voltage Drop to ensure security of supply required specification relief. Change to the forward current test condition is to improve manufacturing quality and consistency by reducing the number of unique test conditions to be monitored for the LED Input Voltage Drop parameter across all product lines.

Products Affected

The Input Voltage Drop test condition of the following products has changed from $I_F=8\text{mA}$ to $I_F=10\text{mA}$:

LCA210	LCA210L
LCA210S	LCA210LS
LCA210STR	LCA210LSTR

The Input Voltage Drop test condition of $I_F=10\text{mA}$ has not changed for the following products:

LCA220
LCA220S
LCA220STR

The Input Voltage Drop test condition of $I_F=5\text{mA}$ has not changed for the following products:

CPC1333G	LAA125LSTR	LCA127S	PLA110LS
CPC1333GR	LAA125P	LCA127STR	PLA110LSTR
CPC1333GRTR	LAA125PL	LCA129	PLA110S
CPC1540G	LAA125PLTR	LCA129S	PLA110STR
CPC1540GS	LAA125PTR	LCA129STR	PLA134
CPC1540GSTR	LAA125S	LCA210	PLA134S
CPC1563G	LAA125STR	LCA210L	PLA134STR
CPC1563GS	LAA127	LCA210LS	PLA140
CPC1563GSTR	LAA127L	LCA210LSTR	PLA140L
CPC1580P	LAA127LS	LCA210S	PLA140LS
CPC1580PTR	LAA127LSTR	LCA210STR	PLA140LSTR

CPC1590P	LAA127P	LCA220	PLA140S
CPC1590PTR	LAA127PL	LCA220S	PLA140STR
CPC1593G	LAA127PLTR	LCA220STR	PLA143
CPC1593GS	LAA127PTR	LCA701	PLA143S
CPC1593GSTR	LAA127S	LCA701S	PLA143STR
CPC1705Y	LAA127STR	LCA701STR	PLA150
CPC1706Y	LBA110L	LCA715	PLA150S
CPC1907B	LBA110LS	LCA715S	PLA150STR
CPC1943G	LBA110LSTR	LCA715STR	PLA170
CPC1943GS	LBA110PL	LCA717	PLA170S
CPC1943GSTR	LBA110PLTR	LCA717S	PLA170STR
CPC1945G	LBA120L	LCA717STR	PLA171P
CPC1945Y	LBA120LS	LCB111	PLA171PTR
CPC1961G	LBA120LSTR	LCB111S	PLA172P
CPC1961GS	LBA127	LCB111STR	PLA172PTR
CPC1961GSTR	LBA127L	LCB120	PLA190
CPC1963G	LBA127LS	LCB120S	PLA190S
CPC1963GS	LBA127LSTR	LCB120STR	PLA190STR
CPC1963GSTR	LBA127P	LCB126	PLA191
CPC1964B	LBA127PTR	LCB126S	PLA191S
CPC1964BX6	LBA127S	LCB126STR	PLA191STR
CPC1965G	LBA127STR	LCB127	PLA192
CPC1965Y	LBA710	LCB127S	PLA192E
CPC1972G	LBA710S	LCB127STR	PLA192ES
CPC1972GS	LBA710STR	LCB716	PLA192ESTR
CPC1972GSTR	LBA716	LCB716S	PLA192S
CPC1983B	LBA716S	LCB716STR	PLA192STR
CPC1983Y	LBA716STR	LCB717	PLA193
CPC1983YE	LBB110	LCB717S	PLA193E
CPC1998J	LBB110P	LCB717STR	PLA193ES
CPC2014N	LBB110PTR	PAA110	PLA193ESTR
CPC2014NTR	LBB110S	PAA110L	PLA193S
CPC2025N	LBB110STR	PAA110LS	PLA193STR
CPC2025NTR	LBB120	PAA110LSTR	PLA194
CPC2030N	LBB120P	PAA110P	PLA194S
CPC2030NTR	LBB120PTR	PAA110PL	PLA194STR
CPC2125N	LBB120S	PAA110PLTR	PLB150
CPC2125NTR	LBB120STR	PAA110PTR	PLB150S
CPC2330N	LBB126	PAA110S	PLB150STR
CPC2330NTR	LBB126P	PAA110STR	PLB171P
CPC2907B	LBB126PTR	PAA140	PLB171PTR
CPC40055ST	LBB126S	PAA140L	PLB190
FDA215	LBB126STR	PAA140LS	PLB190S
FDA215S	LBB127	PAA140LSTR	PLB190STR
FDA215STR	LBB127P	PAA140P	PM1204
LAA100	LBB127PTR	PAA140PTR	PM1204S
LAA100L	LBB127S	PAA140S	PM1204STR
LAA100LS	LBB127STR	PAA140STR	PM1205
LAA100LSTR	LCA100	PAA150	PM1205S
LAA100P	LCA100L	PAA150P	PM1205STR
LAA100PL	LCA100LS	PAA150PTR	PM1206

LAA100PLTR	LCA100LSTR	PAA150S	PM1206S
LAA100PTR	LCA100S	PAA150STR	PM1206STR
LAA100S	LCA100STR	PAA190	PS1201
LAA100STR	LCA110L	PAA190S	PS2401
LAA110L	LCA110LS	PAA190STR	PS2601
LAA110LS	LCA110LSTR	PAA191	XAA170
LAA110LSTR	LCA120	PAA191S	XAA170S
LAA110PL	LCA120L	PAA191STR	XAA170STR
LAA110PLTR	LCA120LS	PAA193	XBB170
LAA120	LCA120LSTR	PAA193S	XBB170P
LAA120L	LCA120S	PAA193STR	XBB170PTR
LAA120LS	LCA120STR	PBA150	XBB170S
LAA120LSTR	LCA125	PBA150S	XBB170STR
LAA120P	LCA125L	PBA150STR	XCA170
LAA120PL	LCA125LS	PBB190	XCA170S
LAA120PLTR	LCA125LSTR	PBB190S	XCA170STR
LAA120PTR	LCA125S	PBB190STR	XCB170
LAA120S	LCA125STR	PD1201	XCB170S
LAA120STR	LCA127	PD2401	XCB170STR
LAA125	LCA127L	PD2601	
LAA125L	LCA127LS	PLA110	
LAA125LS	LCA127LSTR	PLA110L	

Anticipated Impact on Quality and Reliability

The change will have no effect on product quality or reliability.

Contact Information

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

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

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