

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	LAA125	LCA125S	PLA110LS
CPC1333GR	LAA125L	LCA125STR	PLA110LSTR
CPC1333GRTR	LAA125LS	LCA127	PLA110S
CPC1540G	LAA125LSTR	LCA127L	PLA110STR
CPC1540GS	LAA125P	LCA127LS	PLA134
CPC1540GSTR	LAA125PL	LCA127LSTR	PLA134S
CPC1563G	LAA125PLTR	LCA127S	PLA134STR
CPC1563GS	LAA125PTR	LCA127STR	PLA140
CPC1563GSTR	LAA125S	LCA129	PLA140L
CPC1580P	LAA125STR	LCA129S	PLA140LS
CPC1580PTR	LAA127	LCA129STR	PLA140LSTR

CPC1590P	LAA127L	LCA701	PLA140S
CPC1590PTR	LAA127LS	LCA701S	PLA140STR
CPC1593G	LAA127LSTR	LCA701STR	PLA143
CPC1593GS	LAA127P	LCA715	PLA143S
CPC1593GSTR	LAA127PL	LCA715S	PLA143STR
CPC1705Y	LAA127PLTR	LCA715STR	PLA150
CPC1706Y	LAA127PTR	LCA717	PLA150S
CPC1907B	LAA127S	LCA717S	PLA150STR
CPC1943G	LAA127STR	LCA717STR	PLA170
CPC1943GS	LBA110L	LCB111	PLA170S
CPC1943GSTR	LBA110LS	LCB111S	PLA170STR
CPC1945G	LBA110LSTR	LCB111STR	PLA171P
CPC1945Y	LBA110PL	LCB120	PLA171PTR
CPC1961G	LBA110PLTR	LCB120S	PLA172P
CPC1961GS	LBA120L	LCB120STR	PLA172PTR
CPC1961GSTR	LBA120LS	LCB126	PLA190
CPC1963G	LBA120LSTR	LCB126S	PLA190S
CPC1963GS	LBA127	LCB126STR	PLA190STR
CPC1963GSTR	LBA127L	LCB127	PLA191
CPC1964B	LBA127LS	LCB127S	PLA191S
CPC1964BX6	LBA127LSTR	LCB127STR	PLA191STR
CPC1965G	LBA127P	LCB716	PLA192
CPC1965Y	LBA127PTR	LCB716S	PLA192E
CPC1972G	LBA127S	LCB716STR	PLA192ES
CPC1972GS	LBA127STR	LCB717	PLA192ESTR
CPC1972GSTR	LBA710	LCB717S	PLA192S
CPC1983B	LBA710S	LCB717STR	PLA192STR
CPC1983Y	LBA710STR	PAA110	PLA193
CPC1983YE	LBA716	PAA110L	PLA193E
CPC1998J	LBA716S	PAA110LS	PLA193ES
CPC2014N	LBA716STR	PAA110LSTR	PLA193ESTR
CPC2014NTR	LBB110	PAA110P	PLA193S
CPC2025N	LBB110P	PAA110PL	PLA193STR
CPC2025NTR	LBB110PTR	PAA110PLTR	PLA194
CPC2030N	LBB110S	PAA110PTR	PLA194S
CPC2030NTR	LBB110STR	PAA110S	PLA194STR
CPC2125N	LBB120	PAA110STR	PLB150
CPC2125NTR	LBB120P	PAA140	PLB150S
CPC2330N	LBB120PTR	PAA140L	PLB150STR
CPC2330NTR	LBB120S	PAA140LS	PLB171P
CPC2907B	LBB120STR	PAA140LSTR	PLB171PTR
CPC40055ST	LBB126	PAA140P	PLB190
FDA215	LBB126P	PAA140PTR	PLB190S
FDA215S	LBB126PTR	PAA140S	PLB190STR
FDA215STR	LBB126S	PAA140STR	PM1204
LAA100	LBB126STR	PAA150	PM1204S
LAA100L	LBB127	PAA150P	PM1204STR
LAA100LS	LBB127P	PAA150PTR	PM1205
LAA100LSTR	LBB127PTR	PAA150S	PM1205S
LAA100P	LBB127S	PAA150STR	PM1205STR
LAA100PL	LBB127STR	PAA190	PM1206



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LAA100PTR	LCA100L	PAA190STR	PM1206STR
LAA100S	LCA100LS	PAA191	PS1201
LAA100STR	LCA100LSTR	PAA191S	PS2401
LAA110L	LCA100S	PAA191STR	PS2601
LAA110LS	LCA100STR	PAA193	XAA170
LAA110LSTR	LCA110L	PAA193S	XAA170S
LAA110PL	LCA110LS	PAA193STR	XAA170STR
LAA110PLTR	LCA110LSTR	PBA150	XBB170
LAA120	LCA120	PBA150S	XBB170P
LAA120L	LCA120L	PBA150STR	XBB170PTR
LAA120LS	LCA120LS	PBB190	XBB170S
LAA120LSTR	LCA120LSTR	PBB190S	XBB170STR
LAA120P	LCA120S	PBB190STR	XCA170
LAA120PL	LCA120STR	PD1201	XCA170S
LAA120PLTR	LCA125	PD2401	XCA170STR
LAA120PTR	LCA125L	PD2601	XCB170
LAA120S	LCA125LS	PLA110	XCB170S
LAA120STR	LCA125LSTR	PLA110L	XCB170STR

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:

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