



## Customer Information Notification

2021080221 : Release of Rev "1" Datasheet Document for LX2162A Family of Devices

**Note:** This notice is NXP Company Proprietary.

**Issue Date:** Aug 25, 2021 **Effective date:** Aug 26, 2021

Here is your personalized notification about a NXP general announcement.  
For detailed information we invite you to view this notification online

### Management summary

Release of Rev "1" Datasheet Document for LX2162A Family of Devices

### Change Category

<input type="checkbox"/> Wafer Fab Process	<input type="checkbox"/> Assembly Process	<input type="checkbox"/> Product Marking	<input type="checkbox"/> Test Process	<input type="checkbox"/> Design
<input type="checkbox"/> Wafer Fab Materials	<input type="checkbox"/> Assembly Materials	<input type="checkbox"/> Mechanical Specification	<input type="checkbox"/> Test Equipment	<input type="checkbox"/> Errata
<input type="checkbox"/> Wafer Fab Location	<input type="checkbox"/> Assembly Location	<input type="checkbox"/> Packing/Shipping/Labeling	<input type="checkbox"/> Test Location	<input checked="" type="checkbox"/> Electrical spec./Test coverage
<input type="checkbox"/> Firmware	<input type="checkbox"/> Other			

## PCN Overview

### Description

---

The following changes were made to the LX2162A Datasheet:

- Updated Figure 14 to show VIH/VIL instead of VOH/VOL and CMD/DATA input instead of CMD/DATA output.
- Updated I2C AC timing specifications to add standard mode
- Removed tDDKHCS and TDDKHCS from Figure 10
- In the Pinout list:
  - Added note 16 to D1\_MRESET\_B
  - Updated notes 9 and 13 to add the resistor precision
  - Updated note 4 in Table 90 to change XnVDD to SD\_OVDD

### Reason

Notify customers of the change

### Anticipated Impact on Form, Fit, Function, Reliability or Quality

---

No Impact on form, fit, function, reliability or quality

### Data Sheet Revision

A new datasheet will be issued

### Contact and Support

---

For all inquiries regarding the ePCN tool application or access issues, please contact NXP "Global Quality Support Team".

For all Quality Notification content inquiries, please contact your local NXP Sales Support team.

For specific questions on this notice or the products affected please contact our specialist directly:

**Name** Safwan Raad  
**Position** Apps Manager  
**e-mail address** safwan.raad@nxp.com

At NXP Semiconductors we are constantly striving to improve our product and processes to ensure they reach the highest possible Quality Standards. Customer Focus, Passion to Win.

NXP Quality Management Team.

**About NXP Semiconductors**

NXP Semiconductors N.V. (NASDAQ: NXPI) provides High Performance Mixed Signal and Standard Product solutions that leverage its leading RF, Analog, Power Management, Interface, Security and Digital Processing expertise. These innovations are used in a wide range of automotive, identification, wireless infrastructure, lighting, industrial, mobile, consumer and computing applications.

You have received this email because you are a designated contact or subscribed to NXP Quality Notifications. NXP shall not be held liable if this Notification is not correctly distributed within your organization.

This message has been automatically distributed. Please do not reply .

---

NXP Semiconductors  
High Tech Campus, 5656 AG Eindhoven, The Netherlands

© 2006- 2021 NXP Semiconductors. All rights reserved.

Changed Orderable Part#	12NC	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	Product Line
PLX2162PC82029B	935402781699	PLX2162PC82029B	2G Pt, SEC, -FD, r2 23mm	FCPBGA1150ML	SOT2055-1	ASM	No	BLDN
PLX2162PN82029B	935416242699	PLX2162PN82029B	2G Pt, No SEC, r2 23mm	FCPBGA1150ML	SOT2055-1	ASM	No	BLDN
LX2162RC82029B	935415669557	LX2162RC82029B	2GHz, indoor, SEC+CAN-FD	FCPBGA1150ML	SOT2055-1	RFS	No	BLDN
LX2082RC82029B	935404319557	LX2082RC82029B	2GHz, indoor, SEC+CAN-FD	FCPBGA1150ML	SOT2055-1	RFS	No	BLDN
LX2162RE82029B	935404326557	LX2162RE82029B	2GHz, indoor, SEC+CAN r2	FCPBGA1150ML	SOT2055-1	RFS	No	BLDN
LX2122RC82029B	935404323557	LX2122RC82029B	2GHz, indoor, SEC+CAN-FD	FCPBGA1150ML	SOT2055-1	RFS	No	BLDN
LX2082RE82029B	935404321557	LX2082RE82029B	2GHz, indoor, SEC+CAN r2	FCPBGA1150ML	SOT2055-1	RFS	No	BLDN
LX2122RE82029B	935404324557	LX2122RE82029B	2GHz, indoor, SEC+CAN r2	FCPBGA1150ML	SOT2055-1	RFS	No	BLDN
LX2082RN82029B	935404322557	LX2082RN82029B	2GHz, indoor, CAN r2	FCPBGA1150ML	SOT2055-1	RFS	No	BLDN
LX2162RN82029B	935404327557	LX2162RN82029B	2GHz, indoor, CAN r2	FCPBGA1150ML	SOT2055-1	RFS	No	BLDN
LX2122RN82029B	935404325557	LX2122RN82029B	2GHz, indoor, CAN r2	FCPBGA1150ML	SOT2055-1	RFS	No	BLDN