



Integrated Device Technology, Inc.
6024 Silver Creek Valley Road, San Jose, CA 95138

PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN #: **TP1901-01** Date: February 8, 2019

Product Affected:

Refer to page 3 for the list of datasheets and attached file for the affected part numbers

Effective Date: N/A

MEANS OF DISTINGUISHING CHANGED DEVICES:

- Product Mark
- Back Mark
- Date Code Not Applicable
- Other

Contact: Ian Dobson or your local IDT Sales Support

Title:

E-mail: ian.dobson@idt.com

Attachment: Yes No

Samples: NA

DESCRIPTION AND PURPOSE OF CHANGE:

- Die Technology
- Wafer Fabrication Process
- Assembly Process
- Equipment
- Material
- Testing
- Manufacturing Site
- Data Sheet
- Other - Die Revision Change

Corrected the I²C read sequence diagrams to match I²C specification and actual device performance.

Included on page 2 is an example of the change on the datasheet.

RELIABILITY/QUALIFICATION SUMMARY:

Not Applicable. This is a notice of Datasheet correction only.

Device performance is unchanged and correct, but was not properly shown in datasheet.

CUSTOMER ACKNOWLEDGMENT OF RECEIPT:

IDT records indicate that you require written notification of this change.

If IDT does not receive acknowledgement within 30 days of this notice it will be assumed that this change is acceptable.



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PCN# TP1901-01

PCN Type: Datasheet Correction

Data Sheet Change: Yes

Detail of Change: Corrected the I²C read sequence diagrams to match I²C specification and actual device performance. Below is an example of the change. The figure # reference may vary per datasheet.

From:

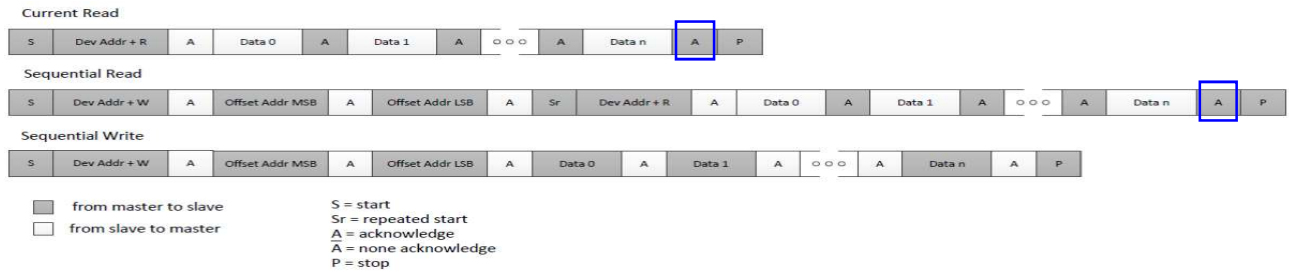


Figure 3. I²C Slave Read and Write Cycle Sequencing

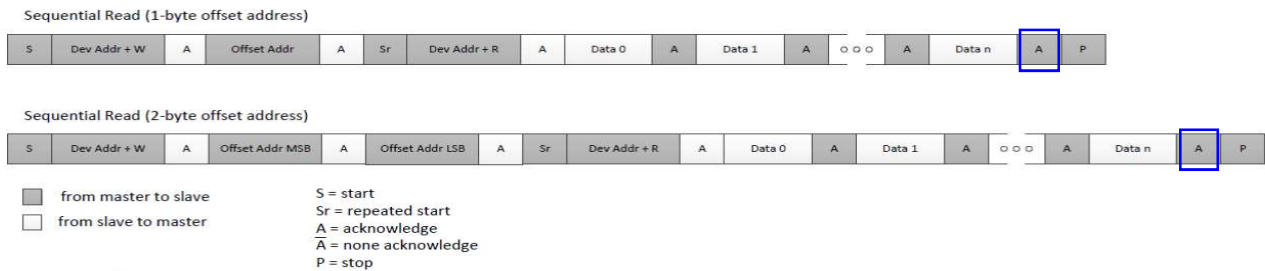


Figure 4. I²C Master Read Cycle Sequencing

To:

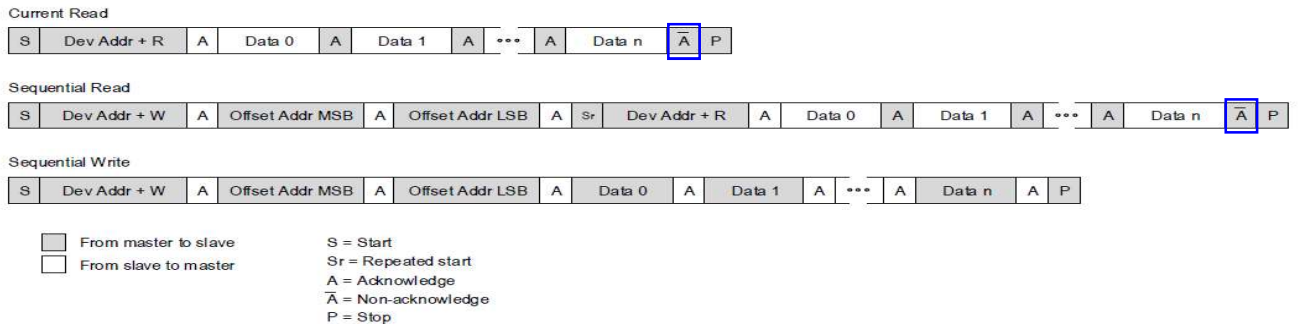


Figure 3. I²C Slave Read and Write Cycle Sequencing

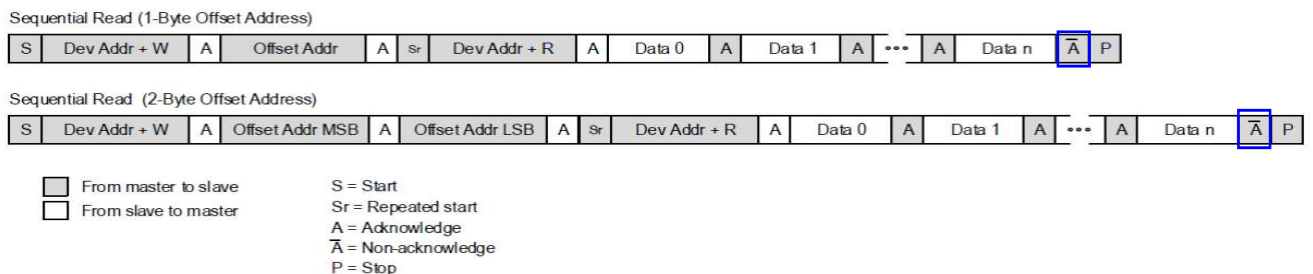


Figure 4. I²C Master Read Cycle Sequencing



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Affected Datasheets

8T49N1012	8T49N234	8T49N282
8T49N1083	8T49N240	8T49N283
8T49N2083	8T49N241	8T49N285
8T49N2083-01	8T49N242	8T49N286
8T49N2183	8T49N243	8T49N287
8T49N2183-01	8T49N281	

Affected Part#¹

8T49N1012-dddNLGI
8T49N1012-dddNLGI8
8T49N1083ANLGI
8T49N1083ANLGI8
8T49N1083NLGI
8T49N1083NLGI#
8T49N1083NLGI8
8T49N2083-01NLGI
8T49N2083-01NLGI#
8T49N2083-01NLGI8
8T49N2083ANLGI
8T49N2083ANLGI#
8T49N2083ANLGI8
8T49N2083NLGI
8T49N2083NLGI#
8T49N2083NLGI8
8T49N2183-01NLGI
8T49N2183-01NLGI#
8T49N2183-01NLGI8
8T49N2183NLGI
8T49N2183NLGI#
8T49N2183NLGI8
8T49N234NLGI
8T49N234NLGI8

8T49N240-dddNLGI
8T49N240-dddNLGI#
8T49N240-dddNLGI8
8T49N241-dddNLGI
8T49N241-dddNLGI#
8T49N241-dddNLGI8
8T49N242-dddNLGI
8T49N242-dddNLGI#
8T49N242-dddNLGI8
8T49N243NLGI
8T49N243NLGI8
8T49N281A-dddNLGI
8T49N281A-dddNLGI8
8T49N281B-dddNLGI
8T49N281B-dddNLGI8
8T49N281C-dddNLGI
8T49N281C-dddNLGI8
8T49N282A-dddNLGI
8T49N282B-dddNLGI
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8T49N282C-dddNLGI
8T49N282C-dddNLGI8
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8T49N283B-dddNLGI

8T49N283B-dddNLGI#
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8T49N287A-dddNLGI8
8T49N287-dddNLGI
8T49N287-dddNLGI#
8T49N287-dddNLGI8

Note 1: ddd = programmable part # option