



Product/Process Change Notice - PCN 24_0112 Rev. -

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This notice is to inform you of a change that will be made to certain ADI products (see Appendix A) that you may have purchased in the last 2 years. **Any inquiries or requests with this PCN (additional data or samples) must be sent to ADI within 30 days of publication date.** ADI contact information is listed below.

PCN Title:	ADF41510 Data Sheet Update
Publication Date:	26-Jun-2024
Effectivity Date:	26-Jun-2024 <i>(the earliest date that a customer could expect to receive changed material)</i>
Revision Description:	Initial Release.

Description Of Change:

Changes made on Table 1 (page 4)

1. From IDD1 typ and max spec of 2mA and 3.2mA, respectively, to 1.9mA and 2.2mA.
2. From IDD2 typ and max spec of 63.5mA and 88mA, respectively, to 60.5mA and 78mA.
3. From IDD3 typ and max spec of 2.1mA and 3.6mA, respectively, to 2.6mA and 3mA.
4. From IDD4 typ and max spec of 1.45mA and 2mA, respectively, to 1.3mA and 1.6mA.
5. From IDD5 typ and max spec of 20mA and 25mA, respectively, to 15mA and 17mA.
6. From IP typ and max spec of 6mA and 7mA, respectively, to 5.7mA and 6.2mA.
7. From ITOTAL typ and max spec of 95.1mA and 128.8mA, respectively, to 87mA and 108mA.
8. From footnote " 1 TA = 25°C, AVDDx = 3.3 V (where x = 1, 2, 3, or 4), pre-scaler (P) = 8/9, fRFIN = 26.5 GHz, REFIN = 124 MHz, PFD frequency input (fPFD) = 124 MHz."

To foot note " 1 Typ is at TA = 25°C, max is at TA = across Temperature, AVDDx = 3.3 V (where x = 1, 2, 3, or 4), fRFIN = 10.001 GHz, REFIN = 100 MHz, PFD frequency input (fPFD) = 100MHz."

Reason For Change:

To reflect actual device capabilities.

Impact of the change (positive or negative) on fit, form, function & reliability:

No impact in device fit, form, function & reliability.

Summary of Supporting Information:

No qual required. Data sheet change only.

Supporting Documents

Attachment 1: Type: Datasheet Specification Comparison

[ADI_PCN_24_0112_Rev_-ADF41510_Data_Sheet_Comparison.pdf...](#)

Note: If applicable, the device material declaration will be updated due to material change.

ADI Contact Information:

For questions on this PCN, please send an email to the regional contacts below or contact your local ADI sales representatives.

Americas:	Europe:	Japan:	Korea:	Rest of Asia:
PCN_Americas@analog.com	PCN_Europe@analog.com	PCN_Japan@analog.com	PCN_Korea@analog.com	PCN_ROA@analog.com

Appendix A - Affected ADI Models:

Added Parts On This Revision - Product Family / Model Number (2)

ADF41510 / ADF41510BCPZ

ADF41510 / ADF41510BCPZ-RL7

Appendix B - Revision History:

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	26-Jun-2024	26-Jun-2024	Initial Release.