XDPL8210 errata sheet

XDP™ digital power

About this document

Scope and purpose

This errata sheet lists the known issues of **XDPL8210** digital flyback controller IC with the firmware version 4.2.0.0.

Intended audience

This errata sheet is intended for engineers who design power supplies for different loads using the **XDPL8210** controller, and for engineers who evaluate the XDPL8210 reference design **REF-XDPL8210-U35W**.

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1 Known issues

The known issues of the XDPL8210 controller with firmware version 4.2.0.0 are listed as follows:

1.1 Incorrect document information about DC input operation

The document information about XDPL8210 supporting DC input operation is incorrect.

Reason:

Documentation error. DC input operation is not part of the XDPL8210 product specification.

Occurrence:

This incorrect information can be found in the following documents:

i) Datasheet version 1.0

ii) Engineering report version 1.0

Workaround:

- Corrected datasheet with version 1.1 and corrected engineering report with version 1.1.
- For the design of a high power factor flyback converter with constant current output, which requires both AC and DC input operations, XDPL8210 controller cannot be used. For such application, it is recommended to use XDPL8105 controller.

Revision history

Document version	Date of release	Description of changes
V 1.0	02.07.2021	First release
V 1.1	08.07.2021	Remove text “Engineering report version 1.1” in the occurrence part of section 1.1 Update text from “corrected engineering report with version 1.2” to “corrected engineering report with version 1.1” in the workaround part of section 1.1

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