

|                                |   |
|--------------------------------|---|
| <b>Title of Change:</b>        | Updating the data sheet for FDMF3501, FDMF5001 and FDMF5003   |
| <b>Effective date:</b>         | 19 Oct 2022   |
| <b>Contact information:</b>    | Contact your local onsemi Sales Office or <a href="mailto:Ravi.Savanur@onsemi.com">Ravi.Savanur@onsemi.com</a>  |
| <b>Type of notification:</b>   | This Product Bulletin is for notification purposes only.<br>onsemi will proceed with implementation of this change upon publication of this Product Bulletin. |
| <b>Change Category:</b>        | Data sheet  |
| <b>Change Sub-Category(s):</b> | Datasheet/Product Doc change  |

**Sites Affected:**

| onsemi Sites | External Foundry/Subcon Sites |
|--------------|-------------------------------|
| None         | None                          |

**Description and Purpose:**

Updating the Spec limits and clarifying Test conditions for the following two parameters listed.

**Before**

|                               |              |                 |    |   |   |   |
|-------------------------------|--------------|-----------------|----|---|---|---|
| R <sub>DROOP_GAIN_ERROR</sub> | Rdroop Error | Rdroop > 0.5 mΩ | -2 | - | 2 | % |
|-------------------------------|--------------|-----------------|----|---|---|---|

**After**

|                               |              |               |      |   |     |   |
|-------------------------------|--------------|---------------|------|---|-----|---|
| R <sub>DROOP_GAIN_ERROR</sub> | Rdroop Error | Rdroop = 1 mΩ | -3.5 | - | 3.5 | % |
|-------------------------------|--------------|---------------|------|---|-----|---|

**Before**

|                         |              |  |     |   |    |   |
|-------------------------|--------------|--|-----|---|----|---|
| OCP <sub>ACCURACY</sub> | OCP Accuracy |  | -15 | - | 15 | A |
|-------------------------|--------------|--|-----|---|----|---|

**After**

|                         |              |                  |     |   |    |   |
|-------------------------|--------------|------------------|-----|---|----|---|
| OCP <sub>Accuracy</sub> | OCP Accuracy | OCP set to 100 A | -15 | - | 15 | A |
|-------------------------|--------------|------------------|-----|---|----|---|

The change will not impact form, fit, or function of product(s).

**List of Affected Standard Parts:**

**Note:** Only the standard (off the shelf) part numbers are listed in the parts list. Any custom parts affected by this PCN are shown in the customer specific PCN addendum in the PCN email notification, or on the **PCN Customized Portal**.

|             |             |             |
|-------------|-------------|-------------|
| FD5003MNTXG | FD5001MNTXG | FD3501MNTXG |
|-------------|-------------|-------------|