

Dear Customer,

With this INFINEON Technologies Errata Note we would like to inform you about the following

Adding Important Footnote for Selection of Gate-source Voltage and Adjustment of Leakage Currents

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► **Products affected:**

Please refer to attached affected product list 1_cip10169.xlsx

► **Detailed Change Information:**

Subject: (A) Referring to application note about gate drive voltage selection for different application conditions via footnote.
 (B) Change of Drain-Source leakage current measurement conditions, max value and introduction of typical value.
 (C) Change of Gate-source leakage current max value.

Reason: (A) Under certain operation conditions, a V_{th} drift can occur in switching mode operation. As the V_{th} drift depends on the selected gate source voltage the application note gives a recommendation for selecting the appropriate gate-source voltage based on different application conditions.
 (B) Typical value more useful for design. Harmonization of module datasheets.
 (C) Harmonization of module datasheets.

Description:	<u>Old</u>	<u>New</u>
	(A) No footnote.	(A) Footnote: "Important note: The selection of positive and negative gate-source voltages impacts the long-term behavior of the device. The design guidelines described in Application Note AN 2018-09 must be considered to ensure sound operation of the device over the planned lifetime."
	(B) IDSS max. lower, depending on product type. No typical value.	(B) IDSS max. higher, depending on product type. Typical value included.
	(C) IGSS max. value depending on product type.	(C) IGSS max. value 400 nA for all types in scope.

► **Impact of Change:**

(A) Gate drive voltage selection will be depending on operation conditions.
 (B) Typical value most relevant for practical use.
 (C) No impact for customer.

ERRATA



N° 10169AERRA

► **Attachments:**

Affected product list 1_cip10169.xlsx

Updated datasheets and application note are available in the internet:

www.infineon.com/coolpic

► **Implementation Date:**

With immediate effect.

If you have any questions, please do not hesitate to contact your local Sales office.

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Adjustment of Leakage Currents



Sales Name	SP number	OPN	Package
DF11MR12W1M1_B11	SP001602238	DF11MR12W1M1B11BOMA1	AG-EAS 1BM-2-1
DF23MR12W1M1_B11	SP001602244	DF23MR12W1M1B11BOMA1	AG-EAS 1BM-2-1
FF11MR12W1M1_B11	SP001602204	FF11MR12W1M1B11BOMA1	AG-EAS 1BM-2-1
FF23MR12W1M1_B11	SP001602224	FF23MR12W1M1B11BOMA1	AG-EAS 1BM-2-1
FF6MR12W2M1_B11	SP001716496	FF6MR12W2M1B11BOMA1	AG-EAS 2BM-2-1
FF8MR12W2M1_B11	SP001617622	FF8MR12W2M1B11BOMA1	AG-EAS 2BM-2-1