

Dear Customer,

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

EiceDRIVER™ 1ED31xxMc12H $R_{\text{DS(on)}}$ parameter update in datasheet

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N° 10246AERRA

EiceDRIVER™ 1ED31xxMc12H $R_{\text{DS(on)}}$ parameter update in datasheet

► **Products affected:** Please refer to attached affected product list [1_cip10246.xlsx](#)



► **Detailed Change Information:**

Subject: EiceDRIVER™ 1ED31xxMc12H $R_{\text{DS(on)}}$ parameter update

Reason: Original values did not reflect min/max values over full temperature range and product variation

Description:	<u>Old 1ED31xxMc12H</u>	<u>New</u>
	<ul style="list-style-type: none"> ■ <i>xx=20,21, and 31</i> $R_{\text{DS(on),H,max}} = 1.2 \Omega$ $R_{\text{DS(on),L,max}} = 0.9 \Omega$ 	<ul style="list-style-type: none"> ■ <i>xx=20,21, and 31</i> $R_{\text{DS(on),H,max}} = 1.45 \Omega$ $R_{\text{DS(on),H,max}} = 1.05 \Omega$
	<ul style="list-style-type: none"> ■ <i>xx=22</i> $R_{\text{DS(on),H,max}} = 0.8 \Omega$ $R_{\text{DS(on),L,max}} = 0.75 \Omega$ $R_{\text{DS(on),L,min}} = 0.35 \Omega$ 	<ul style="list-style-type: none"> ■ <i>xx=22</i> $R_{\text{DS(on),H,max}} = 0.85 \Omega$ $R_{\text{DS(on),H,max}} = 0.76 \Omega$ $R_{\text{DS(on),L,min}} = 0.33 \Omega$
	<ul style="list-style-type: none"> ■ <i>xx=23 and 24</i> $R_{\text{DS(on),H,max}} = 0.6 \Omega$ $R_{\text{DS(on),H,min}} = 0.30 \Omega$ $R_{\text{DS(on),L,min}} = 0.25 \Omega$ 	<ul style="list-style-type: none"> ■ <i>xx=23 and 24</i> $R_{\text{DS(on),H,max}} = 0.65 \Omega$ $R_{\text{DS(on),H,min}} = 0.27 \Omega$ $R_{\text{DS(on),L,min}} = 0.21 \Omega$

► **Impact of Change:** none

► **Attachments:** Affected product list [1_cip10246.xlsx](#)
 Detailed Errata sheet [3_cip10246.pdf](#)

► **Implementation Date:** 2021-03-01

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