

Dear Customer,

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

**Output stage improvements for 2EDF7175F, 2EDF7275F, 2EDF7275K,
2EDS8165H and 2EDS8265H**

N° 036/20

Output stage improvements for 2EDF7175F, 2EDF7275F, 2EDF7275K, 2EDS8165H and 2EDS8265H

► Products affected:

Please refer to attached affected product list 1_cip03620_a

► Detailed Change Information:

Subject: Improvements allow more robust and reliable driving, in particular in designs using boot-strapping to generate the output high-side supply

Reason: Product improvement

Description:

<u>Old</u>	<u>New</u>
■ n/a	■ Improved immunity against fast ramping output-side supply voltages (V_{DDA} , V_{DDB})
■ n/a	■ Active clamping of outputs prevents shoot-through during start-up and burst-mode whilst below $UVLO_{ON}$ thresholds

► Product Identification:

- New SP-orderingcode , new OPN-number
- Chip Marking shows as last character "B" instead of "A" , i.E. 2F7175B instead of 2F7175A

► Impact of Change:

No changes to form, fit or function. No parameter change in Datasheet, but new marking/OPN-number will be shown in the available updated Datasheet-version.

► Attachments:

Affected product list 1_cip03620_a

► Intended start of delivery:

15-05-2020, old stock to be depleted first

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

INF N° 036/20

Output stage improvements for 2EDF7175F, 2EDF7275F, 2EDF7275K, 2EDS8165H and 2EDS8265H

Sales name	Package	SP number old	OPN old	SP number new	OPN new
2EDF7275F	PG-DSO-16	SP001698294	2EDF7275FXUMA1	SP005416293	2EDF7275FXUMA2
2EDF7175F	PG-DSO-16	SP002447628	2EDF7175FXUMA1	SP005416294	2EDF7175FXUMA2
2EDS8265H	PG-DSO-16	SP001798558	2EDS8265HXUMA1	SP005416295	2EDS8265HXUMA2
2EDS8165H	PG-DSO-16	SP002031396	2EDS8165HXUMA1	SP005416296	2EDS8165HXUMA2
2EDF7275K	PG-TFLGA-13	SP001696974	2EDF7275KXUMA1	SP005416297	2EDF7275KXUMA2