

Product / Process Change Notification



N° 2020-142-A

Dear Customer,

Please find attached our INFINEON Technologies PCN:

Higher TNEG-accuracy of 1EDF5673K, 1EDS5663H and 1EDF5673F for improved system level robustness

Important information for your attention:

- Please respond to this PCN by indicating your decision on the approval form, sign it and return to your sales partner before **23. December 2020**.
- Infineon aligns with the widely-recognized JEDEC STANDARD “**JESD46**“, which stipulates: **“Lack of acknowledgement of the PCN within 30 days constitutes acceptance of the change.”**

Your prompt reply will help Infineon Technologies to assure a smooth and well executed transition. If Infineon does not hear from your side by the due date, we will assume your full acceptance to this proposed change and its implementation.

Your attention and response to this matter is greatly appreciated.

Infineon Technologies AG
Postal Address Headquarters: Am Campeon 1-15, D-85579 Neubiberg, Phone +49 (0)89 234-0
Chairman of the Supervisory Board: Dr. Wolfgang Eder
Management Board: Dr. Reinhard Ploss (CEO), Dr. Helmut Gassel, Jochen Hanebeck, Dr. Sven Schneider
Registered Office: Neubiberg
Commercial Register: München HRB 126492

Product / Process Change Notification



N° 2020-142-A

► **Products affected:** Please refer to attached affected product list 1_cip20142_a

► **Detailed Change Information:**

Subject: Higher TNEG-accuracy of 1EDF5673K, 1EDS5663H and 1EDF5673F for improved system level robustness
This comes with the need to change the value of external resistor Rt1

Reason: Product improvement

Description:

Old

New

■ n/a

■ Improved TNEG-accuracy

■ TNEG equation: $t1 = Rt1 * 1.8pF$

■ TNEG equation: $t1 = Rt1 * 10.8pF$

■ Datasheet version 2.10

■ Datasheet version 2.30

► **Product Identification:** Chip Marking shows as last character "B" instead of "A", i.e. 1F5673B instead of 1F5673A

► **Impact of Change:** No changes to form and fit.
Updated datasheets available.
External resistor Rt1 value needs to be adapted for the target TNEG period.

► **Attachments:**

Affected product list :	1_cip20142_a
Datasheet version 2.30 :	3_cip20142_a

► **Time Schedule:**

■ Final qualification report:	Characterization report
■ First samples available:	on request, timeschedule based on needed quantity.
■ Intended start of delivery:	February 2021

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

PCN N° 2020-142-A



Higher TNEG-accuracy of 1EDF5673K, 1EDS5663H and 1EDF5673F for improved system level robustness

Sales name	SP number	OPN	Package
1EDF5673K	SP002447622	1EDF5673KXUMA1	PG-TFLGA-13
1EDS5663H	SP002753980	1EDS5663HXUMA1	PG-DSO-16
1EDF5673F	SP003194020	1EDF5673FXUMA1	PG-DSO-16