

**Dear Customer,**

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

## **Early Problem Notification for the TLE986xQXAxx and TLE987xQXAxx Products**

## Early Problem Notification for the TLE986xQXAxx and TLE987xQXAxx Products

► **Products affected:**

Sales Name	SP N°	OPN	Package
TLE9861QXA20	SP001095844	TLE9861QXA20XUMA1	PG-VQFN-48
TLE9867QXA20	SP000977818	TLE9867QXA20XUMA1	PG-VQFN-48
TLE9867QXA40	SP001187214	TLE9867QXA40XUMA1	PG-VQFN-48
TLE9869QXA20	SP000977814	TLE9869QXA20XUMA1	PG-VQFN-48
TLE9871QXA20	SP001119760	TLE9871QXA20XUMA1	PG-VQFN-48
TLE9877QXA20	SP000977810	TLE9877QXA20XUMA1	PG-VQFN-48
TLE9877QXA40	SP001129584	TLE9877QXA40XUMA1	PG-VQFN-48
TLE9879QXA20	SP000977808	TLE9879QXA20XUMA1	PG-VQFN-48
TLE9879QXA40	SP001129586	TLE9879QXA40XUMA1	PG-VQFN-48

► **Detailed Change Information:**

**Subject:** [Please refer to InfoNote c08717.pdf !](#)

The TLE986xQXA/TLE987xQXA has a voltage supply VDDEXT which can be switched on/off. Under certain conditions it can happen that the VDDEXT does not switch on. [Corner case simulations on BE-Step have shown no malfunction of the VDDEXT circuitry. Furthermore, no fail within 100k tested pieces of BE-Step was observed.](#)

**Reason:** At cold temperature and for some devices the VDDEXT supply [might not switch on as expected because it erroneously detects a fault situation. This behavior was only observed on a previous design step. Due to the similarity of the affected circuitry an EPN was sent out for the BE-Step as well.](#)

**Description:**

Old

New

- ~~See 3\_cip08717~~
- [See 3\\_cip08717A1](#)

► **Product Identification:**

Not applicable (no change of product)

► **Impact of Change:**

Not applicable (no change of product)

# INFORMATION NOTE



N° 087/17

**!! Update of Attachments !!**

► **Attachments:**

~~3\_cip08717A1~~ Early problem notification

[3\\_cip08717A1](#) Early problem notification update

► **Intended start of delivery:**

Not applicable (no change of product)

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