

Dear Customer,

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

Enabling of ADC2 Calibration for Channels 6 to 9 Affecting TLE986x-Family and TLE987x-Family

N° 112/18

Enabling of ADC2 Calibration for Channels 6 to 9 Affecting TLE986x-Family and TLE987x-Family

► **Products affected:**

Please refer to attached affected product list 1_cip11218

► **Detailed Change Information:**

Subject: Enabling of ADC2 calibration for channels 6 to 9

Reason: Enabling of ADC2 calibration in order to achieve a temperature sensor accuracy of $\pm 10\text{K}$ for extended temperature range of $150^\circ\text{C} < T_j \leq 175^\circ\text{C}$. Since the calibration enable bits in the ADC2 module are write protected, the calibration will be enabled in the Infineon production plant (common testing approach).

Description:

Old

New

■ ADC2 channel 6 to 9 calibration is disabled

■ ADC2 channel 6 to 9 calibration enabled

► **Product Identification:**

not applicable

► **Impact of Change:**

Enabling of ADC2 calibration in order to achieve a temperature sensor accuracy of $\pm 10\text{K}$ for extended temperature range of $150^\circ\text{C} < T_j \leq 175^\circ\text{C}$.

► **Attachments:**

Affected product list 1_cip11218

► **Intended start of delivery:**

not applicable

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

Information Note N° 112/18

Enabling of ADC2 Calibration for Channels 6 to 9 Affecting TLE986x-Family and TLE987x-Family



Sales name	SP number	OPN	Package
TLE9861QXA20	SP001095844	TLE9861QXA20XUMA1	PG-VQFN-48
TLE9861QXA20	SP001583362	TLE9861QXA20XUMA2	PG-VQFN-48
TLE9867QXA20	SP000977818	TLE9867QXA20XUMA1	PG-VQFN-48
TLE9867QXA20	SP001583368	TLE9867QXA20XUMA2	PG-VQFN-48
TLE9867QXA40	SP001187214	TLE9867QXA40XUMA1	PG-VQFN-48
TLE9867QXA40	SP001583374	TLE9867QXA40XUMA2	PG-VQFN-48
TLE9867QXW20	SP001380954	TLE9867QXW20XUMA1	PG-VQFN-48
TLE9868QXB20	SP000977816	TLE9868QXB20XUMA1	PG-VQFN-48
TLE9868QXB20	SP001404498	TLE9868QXB20XUMA2	PG-VQFN-48
TLE9869QXA20	SP000977814	TLE9869QXA20XUMA1	PG-VQFN-48
TLE9869QXA20	SP001583382	TLE9869QXA20XUMA2	PG-VQFN-48
TLE9871QXA20	SP001119760	TLE9871QXA20XUMA1	PG-VQFN-48
TLE9871QXA20	SP001583398	TLE9871QXA20XUMA2	PG-VQFN-48
TLE9873QXH40	SP001233852	TLE9873QXH40XUMA1	PG-VQFN-48
TLE9873QXW40	SP001380956	TLE9873QXW40XUMA1	PG-VQFN-48
TLE9877QXA20	SP000977810	TLE9877QXA20XUMA1	PG-VQFN-48
TLE9877QXA20	SP001583420	TLE9877QXA20XUMA2	PG-VQFN-48
TLE9877QXA40	SP001129584	TLE9877QXA40XUMA1	PG-VQFN-48
TLE9877QXA40	SP001583424	TLE9877QXA40XUMA2	PG-VQFN-48
TLE9877QXH40	SP001233858	TLE9877QXH40XUMA1	PG-VQFN-48
TLE9877QXW40	SP001380958	TLE9877QXW40XUMA1	PG-VQFN-48
TLE9879-2QXA40	SP001611352	TLE98792QXA40XUMA1	PG-VQFN-48
TLE9879QXA20	SP000977808	TLE9879QXA20XUMA1	PG-VQFN-48
TLE9879QXA20	SP001583428	TLE9879QXA20XUMA2	PG-VQFN-48
TLE9879QXA40	SP001129586	TLE9879QXA40XUMA1	PG-VQFN-48
TLE9879QXA40	SP001583434	TLE9879QXA40XUMA2	PG-VQFN-48
TLE9879QXH40	SP001233864	TLE9879QXH40XUMA1	PG-VQFN-48
TLE9879QXW40	SP001380960	TLE9879QXW40XUMA1	PG-VQFN-48