

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.

AFFECTED MPNS

TLE9861QXA20
TLE9867QXA20
TLE9867QXA40
TLE9867QXW20
TLE9868QXB20
TLE9869QXA20
TLE9871QXA20
TLE9873QXH40
TLE9873QXW40
TLE9877QXA20
TLE9877QXA40
TLE9877QXH40
TLE9877QXW40
TLE9879-2QXA40
TLE9879QXA20
TLE9879QXA40
TLE9879QXH40
TLE9879QXW40
SP001095844
SP001583362
SP000977818
SP001583368
SP001187214
SP001583374
SP001380954
SP000977816
SP001404498
SP000977814
SP001583382
SP001119760
SP001583398
SP001233852
SP001380956
SP000977810
SP001583420
SP001129584
SP001583424
SP001233858
SP001380958
SP001611352
SP000977808
SP001583428
SP001129586
SP001583434
SP001233864
SP001380960
TLE9861QXA20XUMA1
TLE9861QXA20XUMA2
TLE9867QXA20XUMA1
TLE9867QXA20XUMA2

TLE9867QXA40XUMA1
TLE9867QXA40XUMA2
TLE9867QXW20XUMA1
TLE9868QXB20XUMA1
TLE9868QXB20XUMA2
TLE9869QXA20XUMA1
TLE9869QXA20XUMA2
TLE9871QXA20XUMA1
TLE9871QXA20XUMA2
TLE9873QXH40XUMA1
TLE9873QXW40XUMA1
TLE9877QXA20XUMA1
TLE9877QXA20XUMA2
TLE9877QXA40XUMA1
TLE9877QXA40XUMA2
TLE9877QXH40XUMA1
TLE9877QXW40XUMA1
TLE9879QXA40XUMA1
TLE9879QXA20XUMA1
TLE9879QXA20XUMA2
TLE9879QXA40XUMA1
TLE9879QXA40XUMA2
TLE9879QXH40XUMA1
TLE9879QXW40XUMA1