

Information note

N° 063/22

Dear customer,

With this Infineon Technologies AG information note, we would like to inform you about the following

Firmware, user manuals, BootROM user manual and errata sheet update for products TLE986x and TLE987x



On 16 April 2020, Infineon acquired Cypress.
We are now in the process of merging and consolidating our tools and processes for PCN, Information Notes, Errata and Product Discontinuance.
For further details, please visit our website:
<https://www.infineon.com/cms/en/about-infineon/company/cypress-acquisition/>

Infineon Technologies AG

Postal address D-81726 München Internet www.infineon.com Headquarters Am Campeon 1-15, D-85579 Neubiberg Phone +49 (0)89 234-0
Chairman of the Supervisory Board Dr. Wolfgang Eder
Management Board Jochen Hanebeck (CEO), Constanze Hufenbecher, Dr. Sven Schneider, Andreas Urschitz, Dr. Rutger Wijburg
Registered office Neubiberg Commercial register Amtsgericht München HRB 126492

Information note

N° 063/22

► **Products affected**

Please refer to attached affected product list
 “INF_063_22_[customer-no].pdf”

► **Detailed change information**

Subject Firmware (FW) update for BF-Step VQFN and TLE986x/7x user manuals and BootROM manual and errata sheet update for BF/UH/BE/A-Step VQFN and TQFP.

Reason In the TLE986x/7x BF-Step VQFN version, if the NVM permanent protection is set, the SWD access to basic core functions is enabled and the core can be halted from memory locations that are not protected. With the FW update, there is no possibility to halt the core via SWD from any memory location, if the NVM permanent protection is set.

An issue has been added in the Errata sheet: The DMA transfer request cannot be cleared by the software if the SSC2 module is selected as trigger. This leads to an undesired DMA transfers.

The following documents have been updated: TLE986x user manual, TLE987x user manual, TLE986x/7x BootROM user manual and errata sheet.

With this Information Note former errata 10342AERRA is obsolete.

Description

	<u>Old</u>	<u>New</u>
Firmware update	<ul style="list-style-type: none"> Current FW for BF-Step VQFN 	<ul style="list-style-type: none"> Updated FW for BF-Step VQFN
User manual update	<ul style="list-style-type: none"> Current user manuals for TLE986x/7x 	<ul style="list-style-type: none"> Updated user manuals for TLE986x/7x
BootROM user manual update	<ul style="list-style-type: none"> Current BootROM user manual for TLE986x/7x 	<ul style="list-style-type: none"> Updated BootROM user manual for TLE986x/7x
Errata sheet	<ul style="list-style-type: none"> Rev. 1.3 	<ul style="list-style-type: none"> Rev. 1.4

► **Product identification**

Traceability assured via lot code.
 No change in SP ordering number.

► **Impact of change**

Based on the qualification performed, Infineon does not expect any negative impact on quality, function and reliability. No change in form, fit and function expected.

Information note

N° 063/22

► Attachments

INF_063_22_[customer-no].pdf affected product list

User manuals and BootROM user manual

https://myicp.infineon.com/sites/ATV_BP/Motor%20Control%20Solutions/TLE986x_7x/User_Manual

Errata sheet

https://myicp.infineon.com/sites/ATV_BP/Motor%20Control%20Solutions/TLE986x_7x/Errata_Sheets

► Intended start of delivery

Not applicable, start of line conversion with immediate effect.

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

INF_063_22_4002348