

ANT_S212_nrf52832_0.3.0.alpha release notes

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ANT_S212_nrf52832_0.3.0.alpha

The ANT_S212_nrf52832_0.3.0.alpha SoftDevice for the nRF52 platform is based upon the S210_nrf51422_5.0.0 SoftDevice for the nRF51 platform. The ANT_S212_nrf52832_0.3.0.alpha is the first alpha release of s212.

SoftDevice Properties

- There is no SoftDevice Specification corresponding to this release. The S210 SoftDevice Specification v3.0.0 is applicable in large parts. It is available on the [Nordic Infocenter](#).
- This version of the SoftDevice contains the Master Boot Record (MBR) version 1.1.0
- The combined MBR and SoftDevice memory requirements for this version is as follows:
 - Flash: **72kB** (0x12000 bytes)
 - RAM: **2.5kB** (0xA00 bytes)

Compatibility

The ANT_S212_nrf52832_0.3.0.alpha is restricted to use with nRF52832 IC rev Engineering A.

New functionality

ANT functionality in the ANT_S212_nrf52832_0.3.0.alpha SoftDevice for the nRF52 platform is equivalent to the functionality in the S210_nrf51422_5.0.0 SoftDevice for the nRF51 platform.

Changes

- API changes from **S210_nrf51422_5.0.0**
 - New event: NRF_EVT_FLASH_OPERATION_VERIFY_FAILED, only available on nRF52
 - sd_flash_protect() has been changed to be compatible both with nRF52 and with future nRF51 releases.

Bugfixes

There are no bug fixes in this release.

Limitations

- **MBR**
 - The MBR in this release uses 12 kB of flash, meaning that the SoftDevice start address is 0x3000. This is subject to change in future releases (DRGN-5436).
- **SoftDevice**
 - If Radio Notifications are enabled, flash write and flash erase operations initiated through the SoftDevice API will be notified to the application as Radio Events (DRGN-5197).