Product Change Notice – Last Time Buy of N548 and Transition to N550

July 28, 2015

Dear N548 Module Customer,

This letter is to notify you that, effective immediately, the status of the N548 module series has changed to end of life. This applies to the following Dynastream part numbers:

- N548M8CB-REEL
- N548M8CB-TRAY
- N548M4CB-REEL
- N548M4CB-TRAY
- N548M5CB

There are two reasons for this change:

1. Our new N550 module series, using Nordic Semiconductor's nRF51422-CEAA V3 chip, is released.
2. Nordic is phasing out the nRF51422-CEAA V2 chip used on the N548 modules

The new N550 modules, preloaded with S210 SoftDevice ver 5.0.0 with associated upgraded ANT Network Processor (ANT-NP) code and ANT Wireless Programming (ANT-WP) code, offer improved performance and enhanced functionality.

1. Chip level upgrades: please refer to Nordic Semiconductor's document PCN-093.
2. SoftDevice upgrades: SoftDevice S210 v5.0.0 supports up to 15 ANT channels, all capable of encryption. These ANT enhancements are also in SoftDevice S310 v3.0.0. For details, please refer to the release-notes in the "S210-SD-v5" or "S310-SD-v3" SoftDevice package available on Nordic Semiconductor's website.

The N550 module series consists of the following models: N550M4CC and N550M8CC, maintains the same package variants and is pin-compatible with their N548 counterparts. The table below provides recommended migration steps required if production programing via the SWD interface.

Existing N548 Firmware Configuration	Recommended Migration Steps if programing via SWD
Programming S310 or S1x0 SoftDevice and customer app code	Direct replacement
Using preloaded S210 v4.0.1 and ANT-NP code	Direct replacement
Using preloaded SoftDevice S210 V4.0.1 and programing customer app code	1. Erase all N550 pre-programmed code and UICR values (e.g. BOOTLOADERADDR). This can be easily done by using the erase-all option if using nrfjprog.exe/nRFgo Studio from Nordic Semiconductor. 2. Program the S210 SoftDevice V4.0.1 and customer app code.

If the plan is to not only migrate hardware from N548 to N550, but also to upgrade the SoftDevice at the same time, and/or if over the air programing is used during production, please refer to the migration document in the relevant SoftDevice package from Nordic Semiconductor.

The N550 series shares the same regulatory approvals as the N548. As a reminder, the regulatory approvals provided are for the module only. Please consult your RF certification lab if any further tests are required at the finished product level.

Dynastream is offering a last time buy for all of the N548 models. All orders received after Aug 1, 2015 will be considered non-reschedulable, non-cancellable & non-returnable. The deadline to submit orders is **Nov 30, 2015,** and all deliveries must be scheduled to ship prior to **July 31, 2016**. To ensure your continued supply, please advise your distributor of your last time buy requirements, expected dates and quantities at your earliest convenience.

This product change is effective immediately. If you have any questions or need additional information, please contact your local distributor.

Best Regards,

Thomas Zhao
Sr. Product Manager
thomas.zhao@dynastream.com

ANT PRODUCT CHANGE: #P271

Affected Product: N548 Module Series	Effective Date: July 28, 2015

Reason for Changes:

EOL of nRF51422-CEAA V2 and the release of N550 module using nRF51422-CEAA V3

Description of Changes

All N548 models are discontinued.

Last PO (non-reschedulable, non-cancellable and non-returnable) Date: Nov 30, 2015

Last Shipment Date: July 31, 2016

Consequence of Changes:

Existing designs using N548 models should transition to N550 models with limited efforts.