



NORDIC ID HH83 INTERNAL PHOTOS FOR NFC

INTENTION AND PURPOSE OF THIS DOCUMENT IS TO SHOW THE INTERNAL PHOTOS OF THE NFC section of NORDIC ID HH83 UNIT

The product/system described in this documentation may be operated only by personnel qualified for the specific task in accordance with the relevant documentation, its warning notices and safety instructions. Qualified personnel are those who, based on their training and experience, can identify risks and avoiding potential hazards when working with these products/systems.

Nordic ID products may only be used for the applications described in the user manual and in the relevant technical documentation. If products and components from other manufacturers are used, these must be recommended or approved by Nordic ID. Proper transport, storage, installation, assembly, commissioning, operation and maintenance are required to ensure that the products operate safely and without any problems. The permissible ambient conditions must be complied with. The information in the relevant documentation must be observed.



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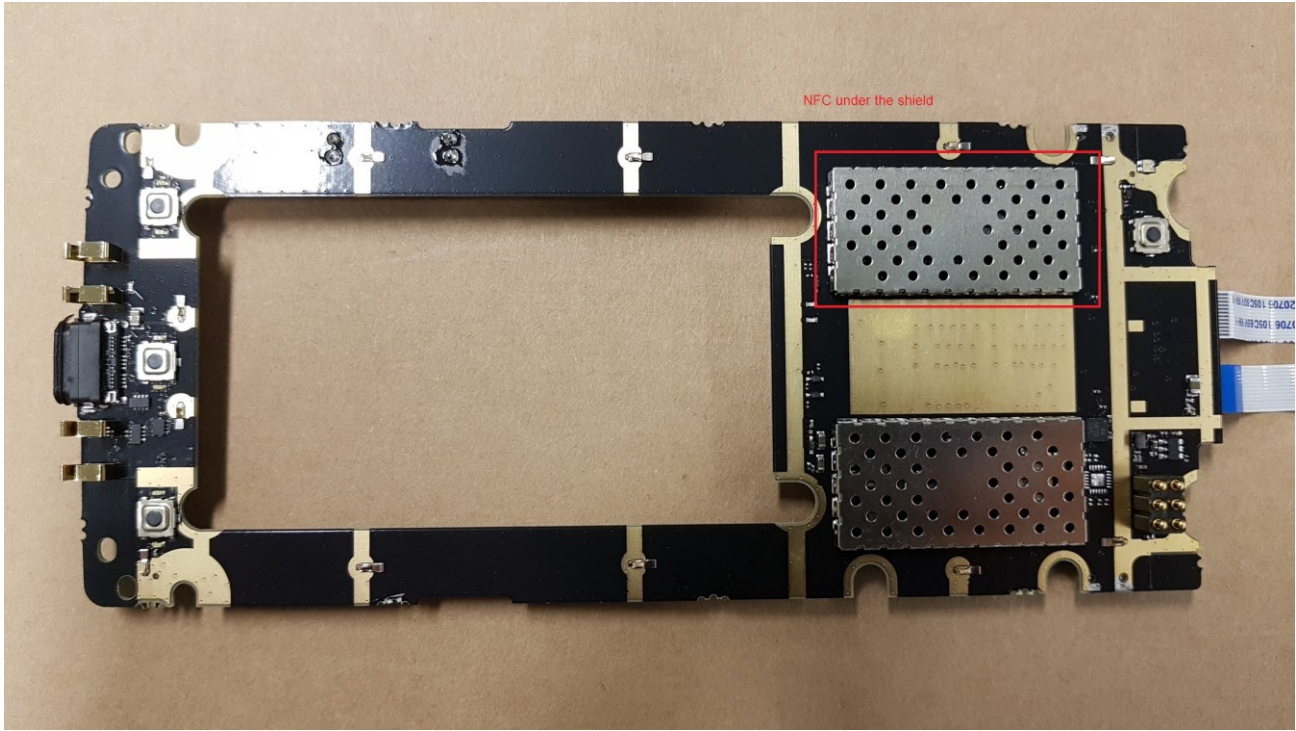


1. HH83 LEAD AND SECONDARY VARIANT DIFFERENCES

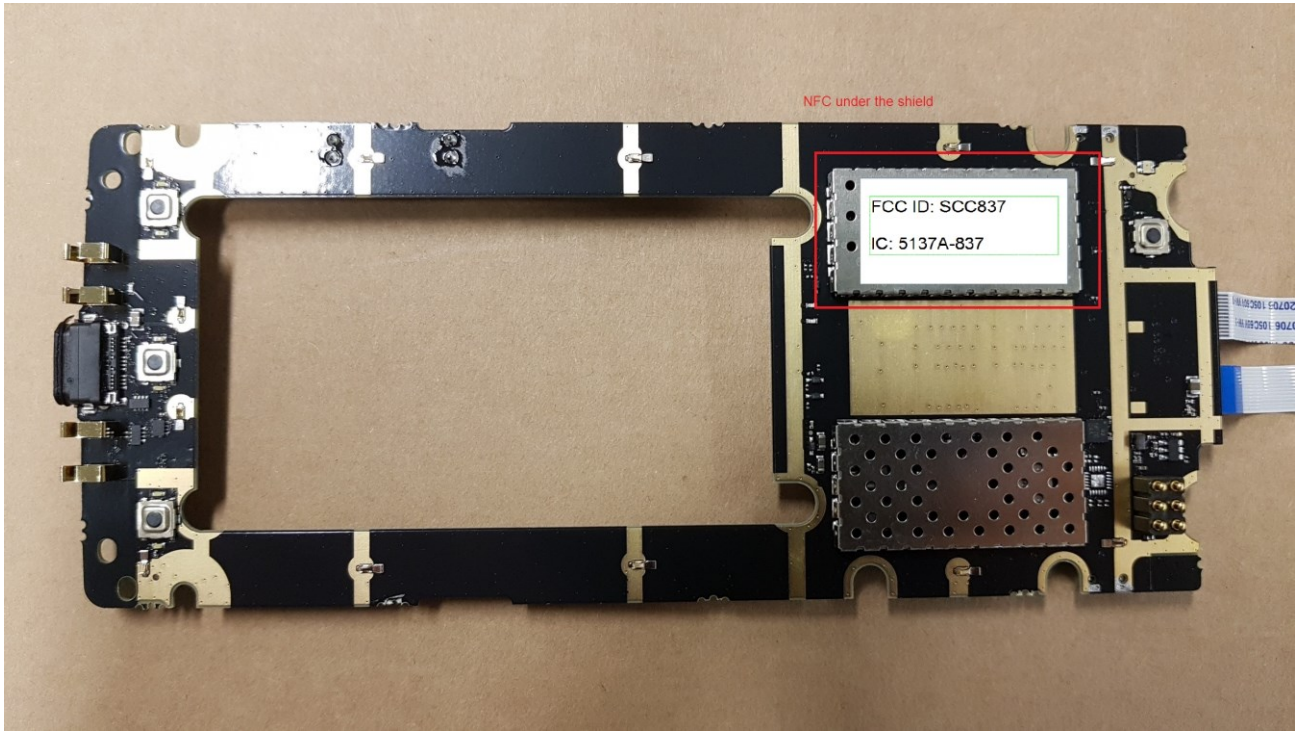
Nordic ID HH83 has a modular front-end which allows it to have two separate variants. Both variants share the identical main unit. Model 837-2A (aka ACD RFID) is a lead variant which has UHF RFID functionality built into the front-end module (antenna and UHF RFID reader module). Secondary variant (837-1A aka barcode) does not have UHF RFID functionality.

2. HH83 – NFC LOCATION IN PWB

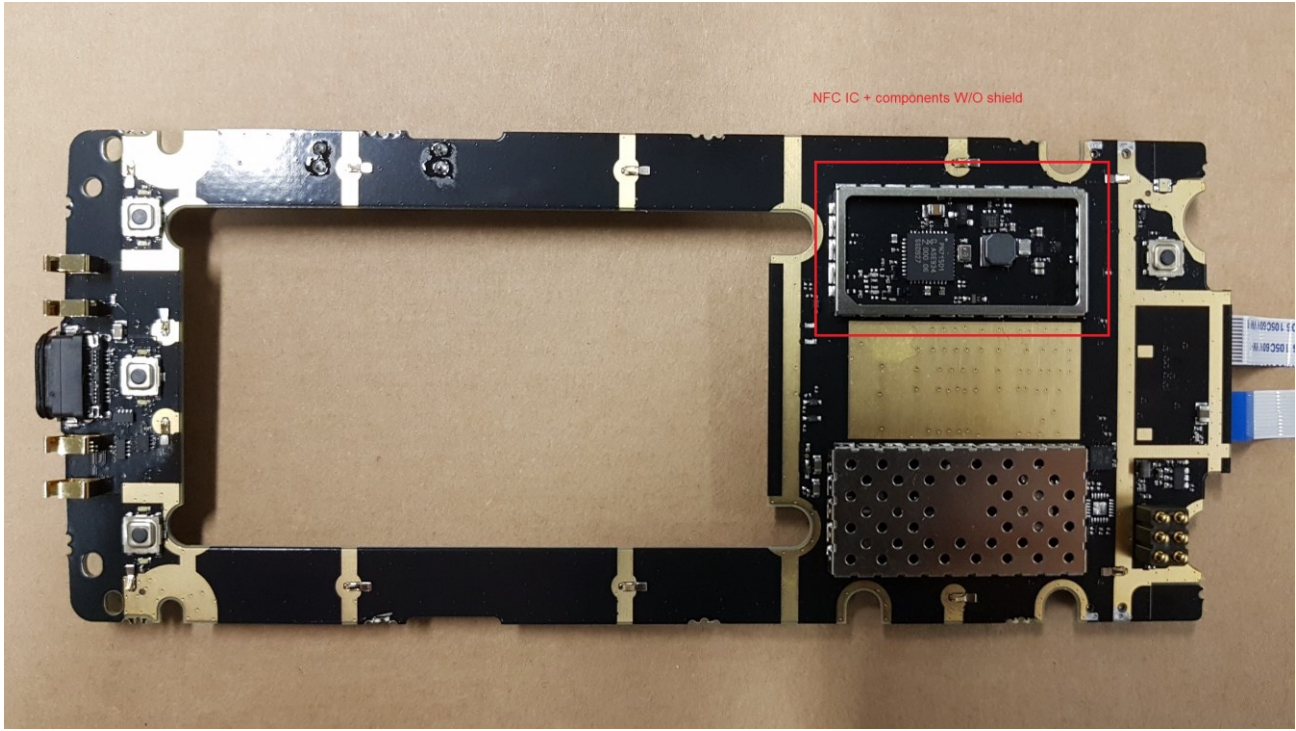
Below pictures shows photos of NFC circuitry in Nordic ID HH83 main pwb.



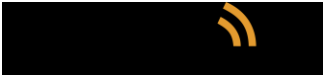
Pic 1. NFC circuitry with shield



Pic 2. NFC circuitry with shield and label



Pic 3. NFC circuitry without shield.



Pic 4. NFC antenna assembled into battery cover. Antenna is Molex 1462360111.



3. ABOUT NORDIC ID

Nordic ID is at the centre of today's real-time item tracking and reliable RFID technology. We help organizations fight the damaging effects of item loss, facilitate streamlined business procedures, and stay ahead of the competition.

We are ready to help you take advantage of our wide range of products and services designed to fit your needs. Contact us now, and we will help you to tackle your challenges and get your business to the next level.

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4. VERSION HISTORY

<u>Version</u>	<u>Date</u>	<u>Modifications</u>
1.0	07 th November 2019	Initial release