

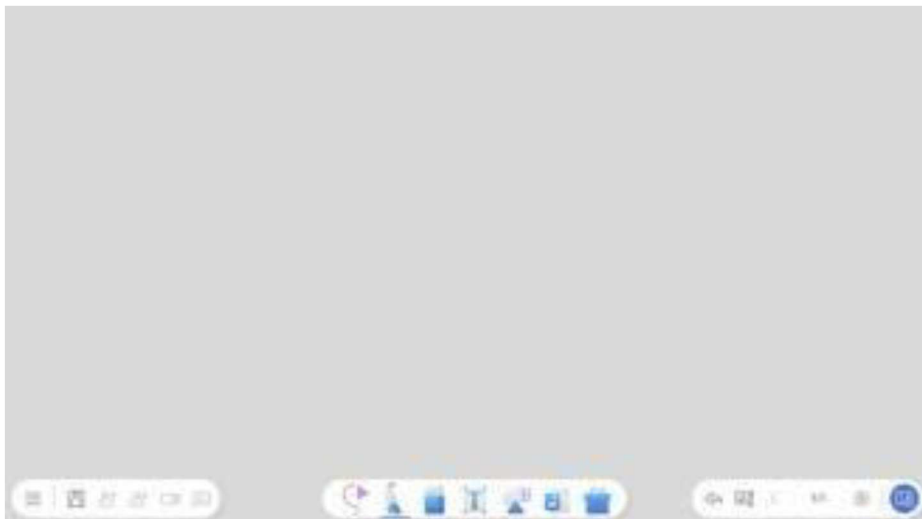
Logging in with NFC card

To log in with NFC card, place the NFC card near the NFC Sensor on the front panel. Now you can have access to NFC function.



NFC Function

- NFC **N** works with a stylus to taking note easier and faster.
- Put the stylus on the NFC **N** area.
- EZWrite 6.0 app will turn on.



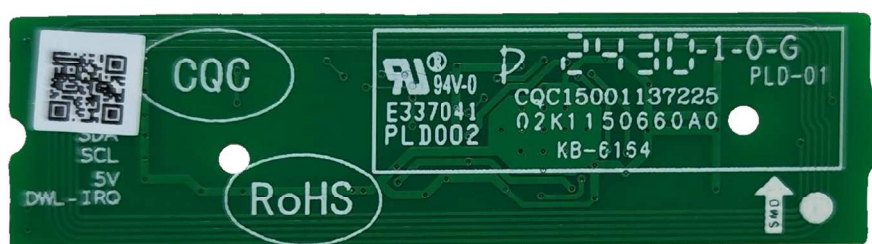
- You can use the stylus to write information on the screen.

The antenna and module are integrated on a board and do not need to be installed. The module has been tested as an independent unit together with other necessary accessories or support units during testing.

Antenna Type: Loop antenna

Antenna is the Antenna after matching, and the normal operation is the matched Antenna working, the working principle is an LC oscillation with a frequency of 13.56Mhz. This Antenna has no gain, but Q value is given, which is an attribute of this Antenna.

SPECIFICATION	
PN	XF.NFC.F
Standard	NFC
Frequency	13.56MHz
BandWidth	1.921MHZ
Feed Impedance	30ohm
L0	560nH
Ra	2.2ohm
Rs	63.4ohm
RM	51.66ohm
Working principle	LC oscillator
Interface	Direct connected
Dimensions	68*22*1.2mm



SPECIFICATION	
PN	XF.NFC.F
Standardc	NFC
Frequency	13.56MHz
La	1.472uH
C	1.6pF
Rs	1.36ohm
Working principle	Inductance coil
Interface	Direct connected
Dimensions	30.33*22*1.2mm

Safety warnings and precautions

FCC Statements

Federal Communications Commission (FCC) Notice (U.S. Only)

WARNING: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Manual Information to the End User: The OEM integrator has to be aware not to provide information to the end user regarding how to install or remove this RF module in the user's manual of the end product which integrates this module.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

2.2 List of applicable FCC rules

This module has been tested for compliance with FCC Part 15.225

2.3 Summarize the specific operational use conditions

This module was evaluated and tested in the case of Mobile Device this time, and the terminal products are only limited to Mobile Device

2.4 Limited module procedures

Not applicable

2.5 Trace antenna designs

Not applicable

2.6 RF exposure considerations

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with the minimum distance 20cm between the radiator & your body.

2.7 Antennas:

This is a Loop Antenna, the antenna is fixed on the PCB board and cannot be replaced. The entire PCB module is installed on the display.

2.8 Label and compliance information

The FCC for this device is A3LXFNFCF. If the FCC ID is not visible with the module installed inside another device, then it must be still responsible for the FCC compliance requirement of the end product which referring to the enclosed module and it also must display a label, such as the following: Contains Transmitter module FCC ID: A3LXFNFCF or contains FCC ID: A3LXFNFCF

2.9 Information on test modes and additional testing requirements

In the event that these conditions cannot be met (for example certain laptop configurations or co-location with another transmitter), then the FCC authorization is no longer considered valid and the FCC ID cannot be used on the final product.

In these circumstances, the OEM integrator will be responsible for re-evaluating the end product (including the transmitter) and obtaining a separate FCC authorization.

2.10 Additional testing, Part 15 Subpart B disclaimer

The modular transmitter is only FCC authorized for the specific rule parts (i.e., FCC transmitter rules) listed on the grant, and that the host product manufacturer is responsible for compliance to any other FCC rules that apply to the host not covered by the modular transmitter grant of certification. If the grantee markets their product as being Part 15 Subpart B compliant (when it also contains unintentional-radiator digital circuitry), then the grantee shall provide a notice stating that the final host product still requires Part 15 Subpart B compliance testing with the modular transmitter installed.

2.11 Note EMI Considerations

Please follow the guidance provided for host manufacturers in KDB publications 996369 D02 and D04.

2.12 How to make changes

Only Grantees are permitted to make permissive changes. Please contact us by mail j1.chun@samsung.com directly to get more information.

For Canada

This device complies with RSS210 of Industry Canada.

Cet appareil se conforme à RSS210 de Canada d'Industrie.

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Appareils radio exempts de licence. Son fonctionnement est sujet aux deux conditions suivantes: (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

IC RF Exposure Information

The device should be installed and operated with distance more than 20cm between the radiator and your body.

L'appareil doit être installé et utilisé avec une distance plus de 20 cm entre le radiateur et votre corps.

The final end product must be labelled in a visible area with the following: The Industry Canada certification label of a module shall be clearly visible at all times when installed in the host device, otherwise the host device must be labelled to display the Industry Canada certification number of the module, preceded by the words "Contains transmitter module", or the word "Contains", or similar wording expressing the same meaning, as follows:

Contains transmitter module IC: 649E-XFNFCF