

# eCard-07

## NFC Forum Type 4 Tag Name Card

For Android OS Smart Device only



eCard-07 is a dynamic NFC tag with ST dynamic tag chip built-in. It embeds a 64-Kbit EEPROM memory. With dynamic NFC tag, it can fast transfer data to smart phone with NFC enabled (Android OS only). It can apply for many applications like Business card, Luggage tag, Pet tag and etc. With NFC NameCard App, there are 3 ID (3 different personal information) which can be written on dynamic NFC tag.

INTERFACE	
RF Protocol	Compatible with ISO/IEC 14443 Type A and NFC Forum Type 4 Tag
I <sup>2</sup> C Interface	Two-wire I <sup>2</sup> C serial interface supports 1 MHz protocol
	Single supply voltage: 2.7V to 5.5V
Contactless Interface	NFC Forum Type 4 Tag
	ISO/IEC 14443 Type A
	106 Kbps data rate
	Internal turning capacitance: 25pF

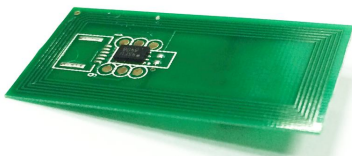
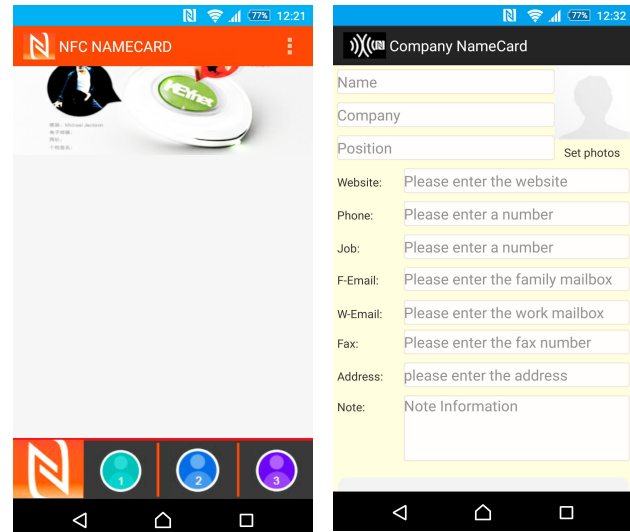
MEMORY	
Memory Size	8-Kbyte (64-Kbit) EEPROM
	Support of NDEF data structure
Data Retention	200 years
Endurance	1 million erase-write cycles
Read Speed	Up to 246 bytes in a single command
Write Speed	Up to 246 bytes in a single command

APP - NFC NameCard (Android OS)	
App download	<a href="http://www.capacity-keyboard.com/support.html">www.capacity-keyboard.com/support.html</a>
Number of ID	3 ID support

MODULE SIZE	
Dimension (L x W x H)	30 x 15 x 1.2 mm



Screenshot – NFC NameCard App



64-Kbit EEPROM NFC Forum Type 4 Tag Module



App Download (Android OS only)

\* Features and specification are subject to change without notice.