

**NFC Forum
IoT Library Inventory**

LIBRARY ID	TYPE	CHARACTERISTICS	NOTES TO THE TESTER	FEEDBACK
Aa	Type 4 Tag	MIFARE DESFire EV1 8 Kbyte Sample Card, Type 4 Tag	With URL or Vcard	YES
Ab	Type 2 Tag	Mifare Ultralight Tag Type 2 Tag Sticker	With Smart Poster URL	YES
Ac	Type 2 Tag	MIFARE Ultralight C ID1 sample card, Type 2 Tag	With Smart Poster URL – read-only	YES
Ad	Type 2 Tag	MIFARE Ultralight C Round 38mm diam. Sticker, Type 2 Tag	With Smart Poster URL	YES
Ae	Type 2 Tag	NTAG203, round	Read Only	YES
Af	Type 2 Tag	NTAG203, round	Read/Write Fix	YES
Ag	Type 2 Tag	NTAG203, round small	Read/Write Fix	YES
Ba	Type 1 Tag	Topaz Type 1 Tag 50mm diameter PVC		YES
Bb	Type 1 Tag	Topaz Type 1 Tag 38mm diameter Adhesive Label, Static memory map		YES
Bc	Type 1 Tag	Topaz Type 1 Tag ID-1 Adhesive Label		YES
Bd	Type 1 Tag	Topaz Type 1 Tag ID-1 PVC		YES
Be	Type 1 Tag	Topaz Type 1 Tag 38x38mm Adhesive Label		YES
Bf	Type 1 Tag	Topaz Type 1 Tag 38x38mm Paper		YES
Bg	Type 1 Tag	Topaz Type 1 Tag 50mm diameter ABS		YES
Bh	Type 1 Tag	Topaz Type 1 Tag Key Fob Leather		YES
Bi	Type 1 Tag	Topaz512 Type 1 Tag, card	Smart Poster	YES
Bj	Type 1 Tag	Topaz512 Type 1 Tag, card	WFA	YES
Bk	Type 1 Tag	Topaz512 Type 1 Tag, card	Long Message	YES
Bl	Type 1 Tag	Topaz512 Type 1 Tag, card	NoNDEF	YES

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Ca	Type 3 Tag	FeliCa Standard card, 4K memory, <u>low frequency</u> , Type 3 Tag, NDEF Format	Smart Poster 2	YES
Cb	Type 3 Tag	FeliCa Standard card, 4K memory, <u>average frequency</u> , Type 3 Tag, NDEF Format	Smart Poster 2	YES
Cc	Type 3 Tag	FeliCa Standard card, 4K memory, <u>high frequency</u> , Type 3 Tag, NDEF Format	Smart Poster 2	YES
Cd	Type 3 Tag	FeliCa Lite card, 224 byte memory, <u>low frequency</u> , Type 3 Tag, NDEF Format	Smart Poster 2	YES
Ce	Type 3 Tag	FeliCa Lite card, 224 byte memory, <u>average frequency</u> , Type 3 Tag, NDEF Format	Smart Poster 2	YES
Cf	Type 3 Tag	FeliCa Lite card, 224 byte memory, <u>high frequency</u> , Type 3 Tag, NDEF Format	Smart Poster 2	YES
Ck	Type 3 Tag	FeliCa Standard Card Form Factor: ID-1 Communication Type : NFC-F 212kbps and 424kbps (automatically switchable) Memory Type: 6KB EEPROM Max number of Blocks for NDEF data: 244 blocks (1 block=16byte)		YES
Cl	Type 3 Tag	FeliCa Standard Card Form Factor: Coin Token Communication Type : NFC-F 212kbps and 424kbps (automatically switchable) Memory Type: 6KB EEPROM Max number of Blocks for NDEF data: 244 blocks (1 block=16byte)		YES
Cm	Type 3 Tag	FeliCa Standard Card Form Factor: Coin Token Communication Type : NFC-F 212kbps and 424kbps (automatically switchable) Memory Type: 4KB FRAM Max number of Blocks for NDEF data: 147 blocks (1 block=16byte)		YES
Cn	Type 3 Tag	FeliCa Lite-S Module Form Factor: Compact Antenna Module Communication Type : NFC-F 212kbps and 424kbps (automatically switchable) Max number of Blocks for NDEF data: 14 blocks (1 block=16byte)		YES
Co	Type 3 Tag	FeliCa Link Module Form Factor: NFC Module Communication Type : NFC-F 212kbps and 424kbps (automatically switchable) Max number of Blocks for NDEF data: 14 blocks (1 block=16byte)		YES

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LIBRARY ID	TYPE	CHARACTERISTICS	NOTES TO THE TESTER	FEEDBACK
Da	Device	HP ElitePad 900		YES
Db	Device	RF430CL330H NFC Forum Type 4B Dynamic Tag Platform		
Dc	Device	NFC-PAD is NFC reader/writer with mono-graphic LCD, touch panel, 8-slot SAMs, 4-LEDs. NFC-PAD can be operated as Initiator or Target or Tag Emulation and used as Payment Reader. NFC-PAD supports ISO18092, LLCP, SNEP and ISO14443	Please select test scenario by clicking the appropriate line.	YES
Dd	Device	The units act as a tag first time the phone is place on the keyboard. This tag will direct you to the proper app. After installing the app, the keyboard will no longer act as a tag for this phone, but is NFC as continues communication.	Smart phone must be Android and with NFC. Some phones have different NFC antenna location. Please find optimal place depending on the antenna location	YES
De	Device	Mobile Phone (LG-D390N) NFC Forum Spec Supported Version Digital protocol 1.0 Analog protocol 1.0 LLCP 1.1 NCI 1.0 SNEP 1.0 Activity 1.0		YES
Df	Device	Mobile Phone (LG-D850) NFC Forum Spec Supported Version Digital protocol 1.0 Analog protocol 1.0 LLCP 1.1 NCI 1.0 SNEP 1.0 Activity 1.0		YES
Dg	Device	Mobile Phone (LG-D728) NFC Forum Spec Supported Version Digital protocol 1.0 Analog protocol 1.0 LLCP 1.1 NCI 1.0 SNEP 1.0 Activity 1.0		YES
Dh	Device	Mobile Phone - Mate7 support CE/RW/P2P of NFC Forum and EMVco; P8 only support CE of EMVco, but it also can be used in RW/P2P since the NFC works in power-saving mode.	Feedback requested: CE/RW/P2P test results with other devices.	YES
Di	Device	Mobile Phone - Huawei P8 only support CE of EMVco, but it also can be used in RW/P2P since the NFC works in power-saving mode.	Feedback requested: CE/RW/P2P test results with other devices.	YES
Dj	Device	Dragon device from Duali - http://duali.com/eng/nfc-product/nfc-reader/nfc-desktop-readers.html	Feedback requested	YES

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Ee-1	terminal	Verifone PinPad 1000-SE		YES
Ee-3	terminal	VivoPay 5000	built to PayPass 1.1 spec	YES
Ee-4	terminal	VivoPay drivethrough		YES
Ee-6	terminal	VivoTech VP 5000	built to EMV 2.0 specs	YES
Ee-7	terminal	VivoPay 5000M		YES
Ee-8	terminal	VivoTech VivoPay 4500		YES
Ee-9	terminal	VvoTech VivoPay 4500M		YES
Ee-10	terminal	Atos Wordline YOMANI		YES
Ee-11	terminal	ID Tech OMNI FARE		YES

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Fa	Type 2 Tag	2K NFC Tag, pre-programmed and locked with URL: http://kov.io/Obspkb (points to nfc-forum.org)	Tag is permanently locked Particularly looking for feedback on read performance (range, reliability, etc.)	YES
Fb	Type 2 Tag	2K NFC Tag, ID1 (card) Dry Inlay, Blank . Onetime programable.	NDEF message formatted blank tags, provided to test programming and locking Particularly looking for feedback on read performance (range, reliability, etc.)	YES
Fc	Type 2 Tag	2K NFC Tag, 24mm diameter stickers, URL locked	Tag is permanently locked Particularly looking for feedback on read performance (range, reliability, etc.)	YES
Fe	Emerging Tag Type	NFC Barcode 128 #ID01 b700 ffff ffff ffff 0000 1a3a 6891 83bd		YES
Ff	Emerging Tag Type	NFC Barcode 128 #U02 b703 6b6f 762e 696f 2f7a 7a63 3158 2129		YES
Ga	Type 3 Tag	FeliCa Card		
Ha	Type V Tag	Large rectangular Inlay - Part Number RI-102-112A Tag-It HF-I Plus / NFC-V (2kb)		YES
Hb	Type V Tag	Square Inlay - Part Number RI-111-112A Tag-It HF-I Plus / NFC-V (2kb)		YES
Hc	Type V Tag	Mini Rectangular Inlay - Part Number RI-I03-112A Tag-It HF-I Plus / NFC-V (2kb)		YES
Hd	Type V Tag	Rectangular card RF430CL330H (3kB)		

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Ja	Type V Tag	NFC Forum Type V contactless card (LRI2K IC)		
Jb	Type V Tag	NFC Forum Type V contactless Flexible board (FLEX M24LRO4E IC)		
Jc	Type 4 Tag	Sticker - NFC Forum Type 4 Tag, ISO 14443-A at 106kpbs, 64 kbit NDEF EEPROM, 128-bit password protection, 20 bit events counter with anti-tearing	1 Tag is in Initialized state, the 2nd tag is in Read Only state	YES
Jd	Type 4 Tag	Cloud - NFC Forum Type 4 Tag, ISO 14443-A at 106kpbs, 2 kbit NDEF EEPROM, 128-bit password protection, 20 bit events counter with anti-tearing	1 Tag is in Initialized state, the 2nd tag is in Read Only state	YES
Ka	Type 4 Tag	Type 4 Tag (T4T), read and write access allowed, delivered preprogrammed with product page URL NDEF Message, MCU board and USB cable included	Two different form factors	
Kb	Type 2 Tag	Type 2 Tag (T2T), read and write access allowed, delivered preprogrammed with product page URL NDEF Message	Three different form factors	
LI	GSMA Approved Tags	GSMA Approved Tags		
R	Type 3 Tag	FeliCa Card / Type 3 Attribute Block Tag Test Suite (Read)	Type 3 Attribute Block Tag Test Suite (Read) from Sony	
W	Type 3 Tag	FeliCa Card / Test Tag Properties (Read and Write)	Type 3 Attribute Block Tag Test Suite (Write) from Sony	
Za	Mifare Classic	Mifare Classic 1kb, single size UID	Not NFC Forum Type Tag compliant. NFC Type MIFARE Classic Tag Operation compatible as published by NXP (NXP search: AN1304 NFC Type MIFARE Classic Tag Operation)	YES