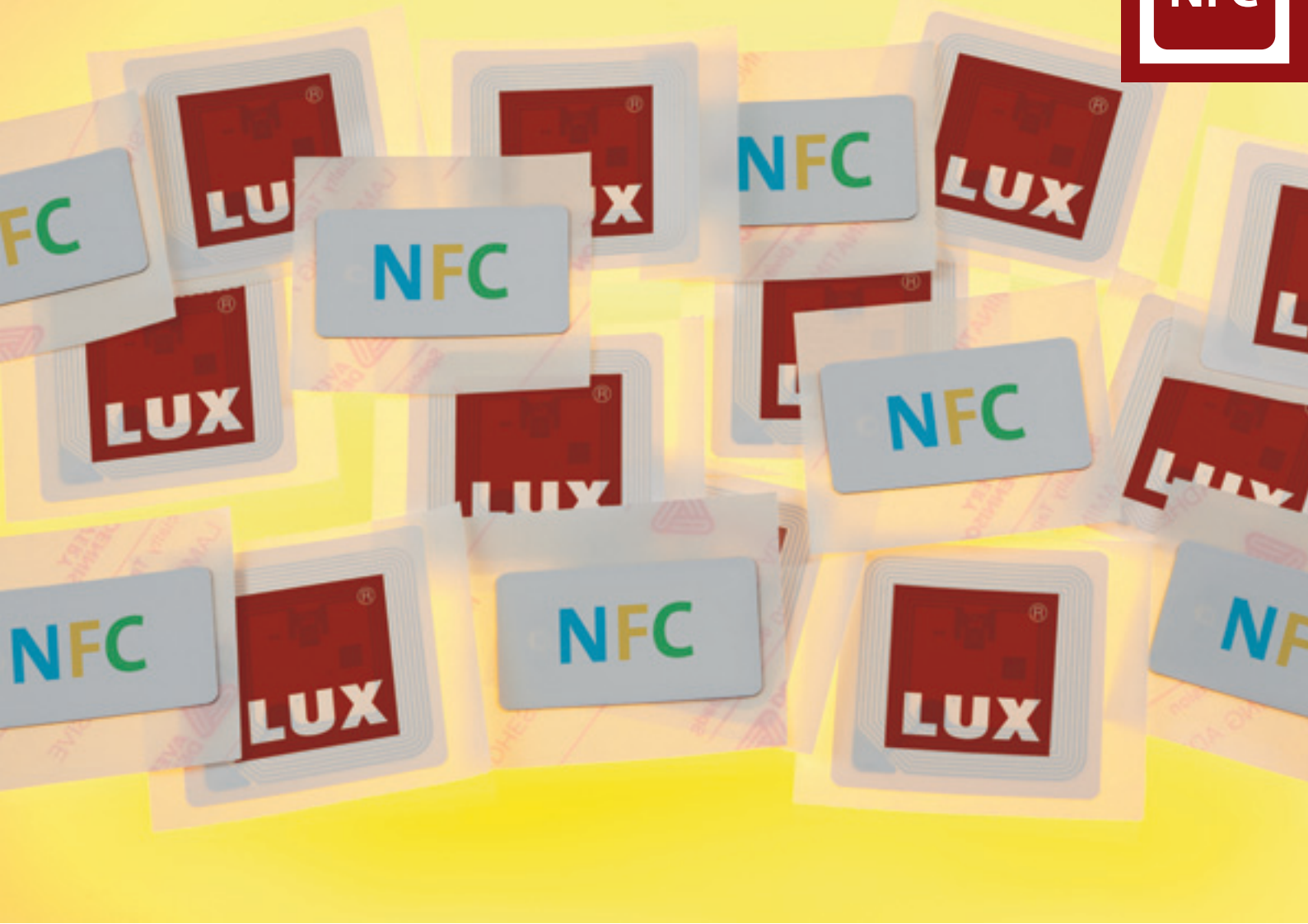


NFC



NFC labels



LUX-IDent's products

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A range of applications.

NFC (Near-Field Communications) is an original technology developed by NXP to realize the promise of connecting the physical and virtual environments. NFC provides a secure wireless two-way communication between a mobile phone and reception devices such as other mobile phones, payment terminals or contactless readers. The Smartphone market is adopting NFC as a new connectivity option. NFC enabled phones allow the device to instantly communicate in real-time with existing contactless systems. In such cases, these phones can replace a multitude of RFID tags which are typically used at present (eg. smart card, paper ticket, RFID label, etc.). Major uses, such as card emulation, readers and Peer-to-Peer communications will be possible with wave or tap of your mobile phone.

Example of applications

- e-ticketing
- public transport
- smart posters
- e-purse
- physical and logical access
- loyalty schemes, etc.



Available chip technologies

Manufacturer frequency	Chip type
NXP	
HF 13.56 MHz	Mifare: Ultralight, Ultralight C, Mini, Classic 1K, Classic 4K, Desfire 4K V.06, Desfire 2K EV1, Desfire 4K EV1, Desfire 8K EV1, Plus S 2K, Plus S 4K, Plus X 2K, Plus X 4K
Legic	
HF 13.56 MHz	Advant ATC2048, Advant ATC4096

Other ICs are available upon request.