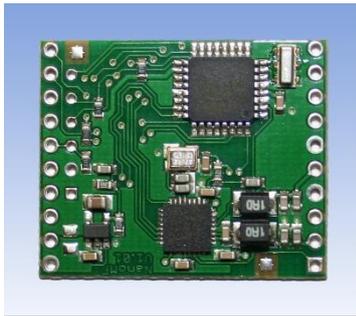# ProxTech's newest 13.56 MHz RFID module FLEX stands out due to its multi-standard capability

Since quite some time now, RFID system manufacturers and integrators have been asking for a wide-going multi-standard solution to ease their life.
Until now, they have been requiring a different reader or reader module for each 13.56 MHz technology.
FLEX puts this to a stop. With its capability of reading different RFID technologies, it will become the core component of many RFID solutions.

The FLEX module

Offering a superb multi-standard capability and a very flexible read/write functionality, FLEX is a cost-effective solution for many applications. Based on the newest LEGIC ADVANT 4200 chip, this new FLEX module gives perfect flexibility, supporting a.o. Legic, Mifare, HID iClass, and many more transponder technologies.
Extremely compact sized – only 31 x 25 x 6 mm - FLEX can be integrated in a wide variety of components such as RFID readers, Time & Attendance, terminals, digital lock cylinders, lockers, vending machines, etc.

Multi-standard : one module supports various 13.56 MHz RFID technologies

The FLEX module supports a.o. following transponder technologies
- LEGIC RF : Legic Prime; LEGIC Advant
- ISO 14443A+B, up to 424 kb/s : Mifare, Mifare DESFire; NXP SmartMX
- ISO 15693 : EM4035; Tag-It HFI; Infineon SRF55VxxP
- ISO 18092/NFC (passive mode, initiator, selected tag types)
- HID iClass (UID only)
- Sony Felica (Felica encryption not supported)
- Inside Contactless (UID only)

This multi-standard capability, combined with a wide selection of available data interfaces, makes FLEX one of the easiest and flexible modules to integrate.

FLEX_App : develop your own application

With the FLEX_App, also based on the newest LEGIC Advant 4200 chip, the user has the possibility to act directly on this chip.
FLEX_App is supplied as RFID module without microprocessor, allowing to control the module directly from your own processor system.

No more extra cost for making the module function exactly the way you need or to have your processor communicating with the RFID chip. FLEX_App offers direct access, just write your own application and avoid a lot of time and costs.

FLEX : a new trendsetter

This new development of both these modules FLEX and FLEX_App is perfect in line with the rising challenge of supplying compact, intelligent, multi-standard solutions that can be easily integrated into existing systems. The FLEX modules answers completely to this exciting challenge !