

TagMaster supports NXP UCODE DNA TAG IC

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TagMaster, the leading producer of advanced RFID products for long range vehicle identification in Traffic Solutions and Rail Solutions, today presents that it supports the very late standard and the new security features, within the UHF technology, with its XT series of readers.

NXP Semiconductors N.V announced the introduction of its latest UCODE product, UCODE DNA, the world's first UHF (ultra-high frequency) RFID tag IC to combine long-range read performance with cryptographic authentication. With this new tag IC developers no longer have to choose between contactless performance and the need for security in their applications.

As preferred NXP technology and development partner, TagMaster fully supports all features of the brand new UCODE DNA IC with its XT-series of UHF readers.



TagMaster XT-series, UHF readers.

Cryptographic authentication provides dynamic security with each transmission being different from the one before therefore minimizing the ability for data to be emulated. The new UCODE DNA provides ISO/IEC 29167-10 standardized cryptographic security using 128-bit key based on AES (advanced encryption standard) algorithms and is also designed in accordance with GS1 EPC Gen 2 V2 air interface standard, which supports cryptographic authentication in RFID systems operating in the UHF range (860 MHz to 960 MHz).

The new tag IC is ideal for use in a wide variety of applications, such as electronic road tolling, electronic vehicle registration, license plate authentication, access control, asset tracking, brand protection, parking, and fast visitor processing and special service offering at large scale venues, sports stadiums or entertainment parks.

About TagMaster

TagMaster is an application driven technology company that designs and markets advanced radio frequency identification (RFID) products and systems for demanding environments. Business areas include Traffic Solutions and Rail Solutions providing innovative application in order to increase efficiency, security, convenience and to decrease environmental impact. TagMaster has dedicated agencies in the US and in China and exports mainly to Europe, Middle East, Asia and North America via a global network of partners, systems integrators and distributors. TagMaster was founded in 1994 and has its headquarters in Stockholm. TagMaster is a public company and its shares are traded on First North stock exchange in Stockholm, Sweden. For more information about TagMaster, please visit www.tagmaster.com