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## **NEOTION introduces NKE-1: The new generation Secure Processor powering CI Plus TV Modules.**

*NKE-1 single chip truly is the most optimized ever combination of security, advanced CI Plus capabilities, and performances at a price point that is set to meet Operators' and Consumer Electronics momentum in these challenging Digital Switchover times.*

While Integrated Digital TV comprising HD extended capabilities together with native DVB front-ends - *being both Terrestrial, Cable and often also Satellite* - are out-placing set-top boxes sales, CI Plus Modules are turning to become the de facto Pay TV enabler that bring in a seamless, intuitive and rather cheap manner, Premium Pay TV entertainment to Flat Panels.

Since people buy stylish Flat TV in millions, they tend to have set-top fatigue and subsequently hate cluttering living rooms with power voracious boxes and numerous remote controls. Hence, any all in one built-in solution squaring into flat panels is widely reckoned as a no brainer.

### **Increasing Demand for CI Plus Modules**

Going further beyond, Operators and Consumer Electronics are naturally exploring possibilities to systematically bundle entertainment and TV sets sold in magnitude of tens of millions every year. NEOTION, which was the very first company in the whole world to accomplish such a deal with SONY and TPS during the Football Worldcup in 2006, is conscious that mass deployment equation implies revolutionizing the whole CI plus Module architecture to meet price point and security challenges foreseeable objectives.

After 2 years of in-house development, the NKE-1 was released and powered on a TV Module that got straight away certification approval from CI Plus Laboratories. While state-of-the-art Modules architecture usually implies 3 chips average, sometime even more depending on the memory footprint, **NKE-1 is literally a Module on a Chip**. It comprises, in a single SoC package, the complete Module functions and applications, as well as a secure dedicated second processor running security, including cardless new generation software Conditional Access & DRM, and even within the masks design, the all DRAM blocks. Doing so, it is a self running SoC platform that is thereafter simply packaged in a Module form factor to slot in a TV set.

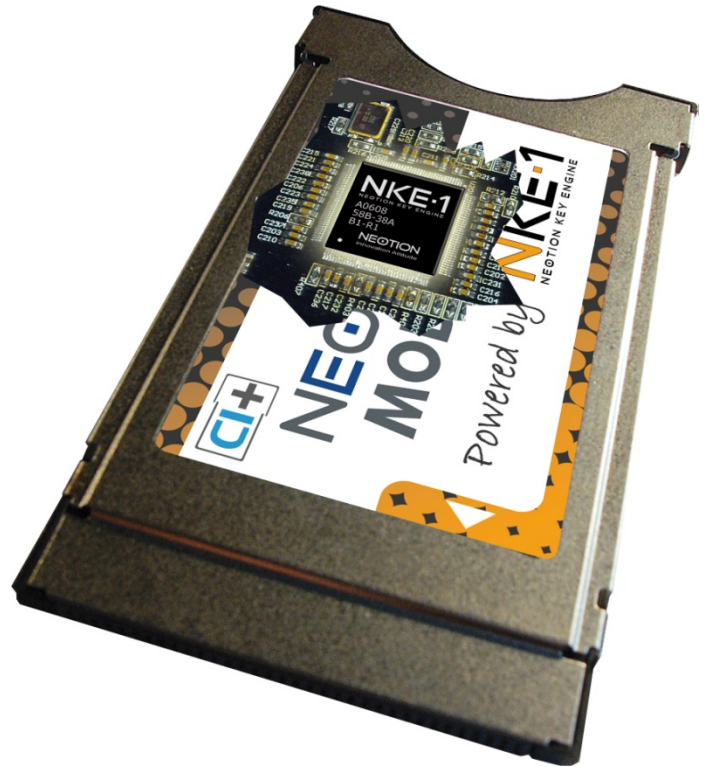
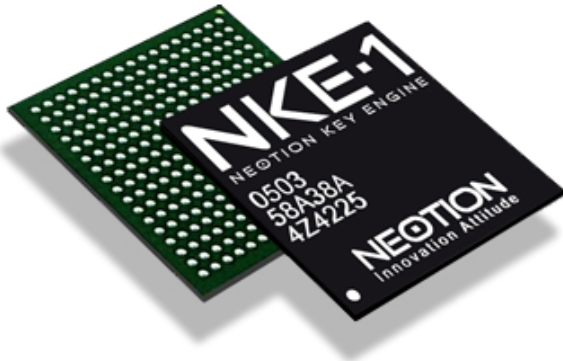
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N° ID TVA : FR 774 288 307 49 - SIREN : 428 830 749 - Code NAF : 2611Z - Société au capital de 1 046 053 Euros

NKE-1 is an ultra low power component that fulfills market trends towards green products in living rooms.

Operators' deployments are due this coming Fall.



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#### **About Neotion :**

NEOTION is a public company created in January 2000, and listed since June 2006 on Alternext Euronext Paris. NEOTION is a leading provider of highly-sophisticated System-on-a-Chip (SoC) MPEG-4 processors, as well as turnkey sub-systems and reference designs enabling seamless integration and unrivalled time to market for the Consumer Electronics Industry and the TV Operators'.

NEOTION's secured silicons uniquely combine: MPEG-4, advanced security modes, and hybrid IP connectivity opening sidewise also towards digital home convergence, IPTV and TV 2.0.

NEOTION is the inventor of the original MPEG-4 decoder in a card designed for Common Interface receivers (iDTV and STB). NEOTION offers a compelling range of disruptive MPEG4 Modules enabling, beyond MPEG-4 upgrade, secured silicon based Security, DVR functions in a SD-Card, and Hybrid IP home network capabilities for genuine legacy TV sets.

Side to breakthrough Modules, NEOTION has designed the NP5 series processors that are able to power ultimate low cost / ultra low power boxes tailored for green field broadcast TV Markets (DTT and DTH), as well as for Telecom Operators' looking for simple IP box solutions in a multi room and home network context.

NEOTION also offers reference designs, API, SDK, and development boards enabling various levels of implementation and customization (from application specific, to dedicated chipset ROM code).

Neotion is an active stakeholder of the CI Plus LLP, as well as a member of DVB, DigiTAG, the Digital TV Group and UPnP Forum.

For more company information visit : [www.neotion.com](http://www.neotion.com) and [www.neotion-processor.com](http://www.neotion-processor.com)

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