Title (en)

CRYPTOGRAPHIC CO-PROCESSOR

Title (de)

KRYPTOGRAPHISCHER KOPROZESSOR

Title (fr)

COPROCESSEUR CRYPTOGRAPHIQUE

Publication

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Application

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Abstract (en)

[origin: WO9914881A2] A secure communication platform on an integrated circuit is a highly integrated security processor which incorporates a general purpose digital signal processor (DSP), along with a number of high performance cryptographic function elements, as well as a PCI and PCMCIA interface. The secure communications platform is integrated with an off-the-shelf DSP so that a vendor who is interested in digital signal processing could also receive built-in security functions which cooperate with the DSP. The integrated circuit includes a callable library of cryptographic commands and encryption algorithms. An encryption processor is included to perform key and data encryption, as well as a high performance hash processor and a public key accelerator.

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H04L 1/00

IPC 8 full level

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