

Title (en)  
CRYPTOGRAPHIC CO-PROCESSOR

Title (de)  
KRYPTOGRAPHISCHER KOPROZESSOR

Title (fr)  
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Publication  
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Application  
**EP 98953170 A 19980916**

Priority

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- US 5908297 P 19970916
- US 5983997 P 19970916
- US 5984097 P 19970916
- US 5984197 P 19970916
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- US 5984397 P 19970916
- US 5984497 P 19970916
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- US 5984797 P 19970916

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.

IPC 1-7  
**H04L 1/00; H04L 9/00**

IPC 8 full level  
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- See references of WO 9914881A2

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