Abstract

Cryptographic algorithms are the most essential elements in designing the system security. Though there are numerous encryption systems used in security systems by various organizations, for the wider use, a particular encryption method is used as a standard. The internationally accepted and acclaimed algorithm is Advanced Encryption Standard. Here in this paper we have implemented the Advanced Encryption Standard (AES) using hardware...
Implementation of AES with New S-BOX And Performance Analysis with the Modified S-BOX

descriptive language (HDL) and constructed a modified S-box. Area and power of both S boxes are compared and their resistance to attack is also analysed.

Reference


  - Chee-Hong Chan et. al. 2010. Automated Online News Classification with Personalization. In the proceedings of WWW-2009. Italy


Index Terms

Computer Science Wireless
Key words

Encryption

AES
HDL