AES Cipher/Inverse Cipher Block Diagram

Alex Pearson

ECE 571 Final Project

Daniel Collins

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Scott Lawson

Derived from the AES Standard, Nov 26 2001, issued by NIST

Available at: http://csrc.nist.gov/publications/fips/fips197/fips-197.pdf

Key:

Nb Number of 32-bit words comprising the State, input, and output widths

This value always 4 according to the current version of the standard, so these vectors are

always 128 bits wide

Nk Number of 32-bit words comprising the Cipher Key

Allowed values are 4, 6, or 8 (128-, 196-, and 256-bit wide keys, respectively)

Nr Number of rounds

Is 10 when Nk=4, 12 when Nk=6, and 14 when Nk=8









