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# SEMICONDUCTOR INTEGRATED CIRCUIT AND INFORMATION PROCESSING APPARATUS


## ABSTRACT OF THE DISCLOSURE

A semiconductor integrated circuit includes an encryption unit for generating encrypted data by encrypting data to be stored in an external memory disposed outside the semiconductor integrated circuit, a write unit for writing the encrypted data into the external memory, a reading unit for reading out the encrypted data from the external memory, and a decryption unit for decrypting the readout encrypted data.


Figure 1