

ABSTRACT OF THE DISCLOSURE
INTEGRATED CIRCUIT MODULE FOR INFORMATION SECURITY

An integrated circuit module for information security includes: a secure circuit unit, which has passed a security evaluation as a cryptographic module and stores therein at least one digital key for providing a digital key service; and a controller unit set which is in communication with the secure circuit unit and includes a fast service unit and a trusted zone unit. The trusted zone unit and the secure circuit unit respectively use a first channel establishment key and a second channel establishment key dependent on each other to establish a secure signal channel. The secure circuit unit transmits a specific data to the fast service unit via the security signal channel to perform a fast service.

[Figure 1]