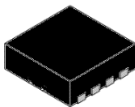
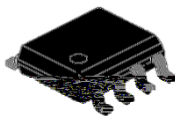


Supply Voltage : 2.0V ~ 5.5V
Operating Temperature : -40℃ ~ 85℃



Operating Current (operation)
(Deep Sleep)
300nA

NIST CAVP

— X.509

NIST

User Data : 5.6KB

NIST P256 /P384

ECDSA : FIPS186-4

ECDH: FIPS SP800-56A

(Key Agreement)

NIST

FIPS 180-4 SHA-256 & FIPS 198-1

HMAC

FIPS-197 AES-128/256 : / ,

Galois Field Multiply for GCM

TLS 1.2 & 1.3 PRF/HKDF

ECDHE

TRNG

SP800-22

(Session Key Exchange)

(Anti-Tamper)

(SPA/DPA :

simple/differential power analysis)

(Firmware)

Glitch

TLS1.2 TLS 1.3

128

(UID)

AIoT

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