



InnaIT^{Key} SPECIFICATION

PK122X-DSC



OVERVIEW

InnaITKey is the India's first Atmanirbhar (Make in India) USB token for storing digital certificates with no components from border sharing countries.

HIGHLIGHTS



Security System on Chip (SoC)



Unique Signature



End-to-End Solution
H/W & S/W Integration

SPECIFICATION

| Category | Nominal Value |
|---|--|
| 1 GENERAL SPECIFICATION | |
| a Operating Temperature | 0°C to 85°C |
| b Operating Voltage | 5V DC, 22mA |
| c Connectivity | USB Type-A 2.0 |
| d Indication | Tri-Colour LED |
| e ESD | IEC61000-4-2 Air Discharge +/- 8KV |
| f Compliance | FIPS 140-2, BIS, FCC, CE, ROHS |
| g Sensor Type | Touch |
| 2 MICRO CONTROLLER | |
| a Controller | Infineon SLE78 |
| b CPU | Self-checking dual CPU with Integrity Guard™ |
| c Certifications | Common Criteria EAL 6+ (high) EMVCo |
| d Asymmetric Cryptography | ECC up to 521-bit RSA up to 4096-bit |
| e Symmetric Cryptography | AES 256-bit |
| 3 DIGITAL SIGNATURE CERTIFICATE MODULE | |
| a FIPS 140-2 certified - Infineon SLB9672 FW16 | |
| b RSA (1024, 2048, 3072 and 4096 bit), ECC (NIST P256, BN P256, NIST P384) | |
| c SHA-1, SHA-256, SHA-384 | |
| d AES-128, AES-192, AES-256 | |
| 4 MECHANICAL | |
| a Device Dimension | H 33.8mm, W 12mm, T 4.5mm |
| b Material type | SS & ABS |
| c Device Weight | 5g (w/o package) |

*Subject to change