PERFECTRON

SK801

SK801

Trusted Platform Module

- Infineon SLB9660 XT 1.2
- Compliant to TCG TPM 1.2 Rev. 116
- Low Pin Count (LPC) to allow easy system integration
- TCG and Common Criteria certified with EAL4+
- FIPS 140-2 compliant mode (certification pending)
- Extended operating temperature -40 to 85°C

SK801

PERFECTRON

Introduction

SK801 is an extended operating temperature (-40°C to +85°C) Trusted Platform Module (TPM) that designed to secure hardware by integrating cryptographic keys into devices. Powered by Infineon SLB 9660, SK801 is capable for a computing system to run applications more secured, allows secured remote access, performed electronic transactions and communication more safely. SK801 is compliant with TCG TPM1.2, which can support security functions like Advanced Crypto Engine (ACE) with RSA, Protection against Dictionary Attack, Memory Encryption/Decryption (MED) and more. It is the best choice for security related application such as bank, IT server, government and industries.

Specification

Interface	Low Pin Count (LPC)
Chipset	Infineon SLB9660 XT 1.2
Power	V = 3.3 ± 0.3V I(Latch-up immunity) = 100mA (EIA/JESD78) I = 25mA (Max)
Certification Level	TCG PM 1.2 Rev. 116 TCG and Common Criteria certified with EAL4+
Board Dimensions	32 x 32 x 1.6 mm
Environment	Operating temp. -40°C to 85°C Storage temp. -40°C to 125°C
OS Compatibility	Windows Vista/7/8/8.1 Linux support: device drivers in the standard kernel Additional software available e.g. TrouSerS, jTSS

Block Diagram