MAX36051EVKIT

Evaluation Kit for the DeepCover Security Manager (MAX36051)

NDA Required. Request Full Data Sheet

Description

DeepCover® embedded security solutions cloak sensitive data under multiple layers of advanced physical security to provide the most secure key storage possible.

The evaluation kit (EV kit) for the DeepCover Security Manager (MAX36051) provides the hardware and software (graphical user interface) necessary to evaluate the MAX36051 with 128 bytes of nonimprinting memory.

The EV kit comes with a socket for the MAX36051+ IC. The IC is a 4-wire-compatible controller specifically intended to address the temperature and voltage monitoring requirements of personal computers, USB flash memory drives, and other equipment where data protection and security is critical. The device incorporates 128 bytes of nonimprinting memory, a battery-backup controller, system power monitor, CPU supervisor, temperature sensor, and two tamper-detection comparator inputs for interface to external sensors, interlocks, or antitamper meshes. In the event of primary power failure, an external battery power source is automatically switched in to keep the tamper-detection circuitry alive.

Key Features

- USB Communication
- External Power Supply for VCCI and VBAT
- On-Board Microcontroller to Generate 4-Wire Commands
- Prototype Area
- Windows XP®- and Windows® 7-Compatible Software
- USB HID interface
- Graphical User Interface (GUI) Consists of a Single .EXE File
- RoHS Compliant
- Proven PCB Layout

Applications/Uses

- Gaming
- Industrial Controls and Monitoring
- Lottery Terminals
- Personal Computers
- Secure USB Flash Memory Drivers