

### 1. General Description

PC9201 is one of the series of Encryption IC PC920X which is based on AES-128 to prevent your intellectual property from been illegal copy. Typically, the Internal Chip-ID memory provides an unique 56 bits ID to product that could help to manage the product authorization. Generally, the PC9201 always works as an slave that accessed by the processor through the series bus in the system.

### 2. Applications

- ❖ POS and Two Way Radio
- ❖ Security Device (electronic lock)
- ❖ Digital Set-top Box (STB)
- ❖ Tablet Personal Computer (Pad)
- ❖ Printer Cartridge
- ❖ Entertaining and Education Machine
- ❖ Digital Video Recorder (DVR)
- ❖ Portable Media Player (PMP)

### 3. Features

- ☆ Symmetric Cryptography Algorithm: AES-128 Algorithm
- ☆ Series bus speed up to 400KHz
- ☆ 56 bits Chip-ID
- ☆ <20uA@3.3V Standby Current
- ☆ 2.8V-5.5V Supply Voltage Range
- ☆ Small SOT23-6 6L package