

ODM Products

Crypto Control focus on the design and manufacturing of integrated systems.

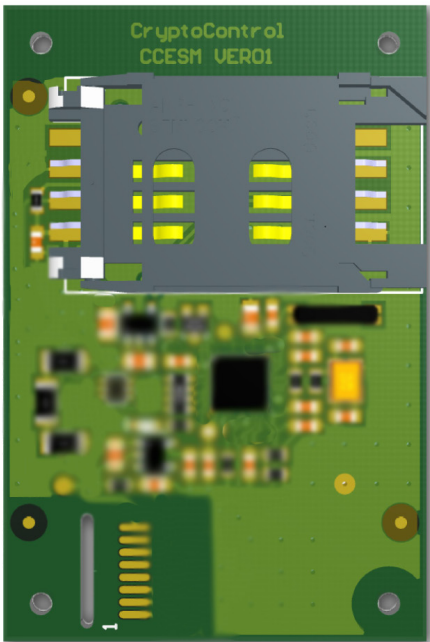
The Crypto Control Embedded Security Modules (CCESM) are targeted for internal integration in numerous existing hardware solutions. The modules supports all features required for compliance with SPC-CA standard. Each module has its own integrated crypto processor, which means no external microcontroller is required. Furthermore, the compact sizes allow to be easily integrated in the size constrained devices.

Key Features

- Standardized communication interfaces
- Integrated Crypto Microprocessor
- No development cost
- Overall low cost
- Compact size

ODM Crypto Control Embedded Security Modules

ODM CCESM ver01 Module



Technical information:

Standard specification

- Supports SPC-CA standard

Interfaces

- UART communication to host computer
- SPI flash and the secure crypto key storage (CCESM v1.0 SPC-CA)

Power

- Supply voltage from 1.8VDC up to 3.3VDC
- Current consumption - up to 100mA

Connectors

- 10-pin header with 2.54mm pitch, 100% compatible with 10-pin 2.54mm pitch, 100% compatible
- 10-pin header, 100% compatible

Mechanical

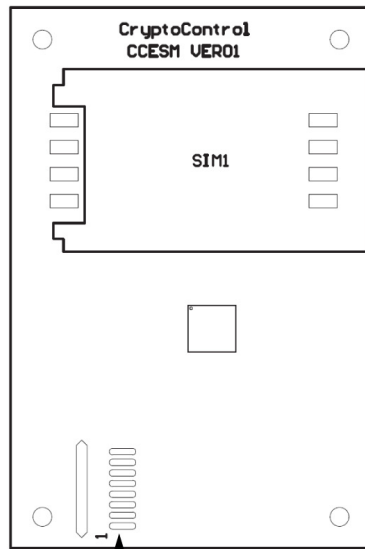
- Operating temperature: -40°C to +85°C
- Mounting holes: 4x0.8mm
- Dimensions: 10mm x 10mm

Certifications and compliance

- CE, RoHS, WEEE



- Pinout – Figure 1 and Table 1



Pin 1

Figure 1 – Top side

Table 1

Pin	Description
1	Power/Gnd
2	Power/Gnd
3	Power/Gnd
4	Power/Gnd
5	Power/Gnd
6	Power/Gnd
7	Power/Gnd
8	Power/Gnd





Contact Info

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