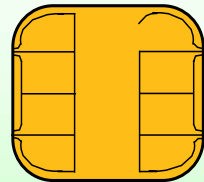


## SLE 4432/42

---



# SLE 4432/42

Health insurance card  
Access control  
Member card

# SLE 4432/42

## Features (1)

---



Intelligent 256-byte EEPROM with Write Protect Function and SLE 4442 version with Programmable Security Code (PSC)

- 256 x 8-bit EEPROM organization

---

- Byte-wise addressing

---

- Irreversible byte-wise write protection of lowest 32 addresses (Byte 0...31)

---

- 32 x 1-bit organization of protection memory

---

- Answer-to-reset according to ISO standard 7816

## SLE 4432/42 Features (2)

---

- Programming time 2,5 ms per byte for both erasing and writing

---

- Data retention for minimum of ten years

---

- Minimum of  $10^5$  write/erase cycles per bit

---

- Contact configuration and serial interface in accordance with ISO standard 7816 (synchronous transmission)

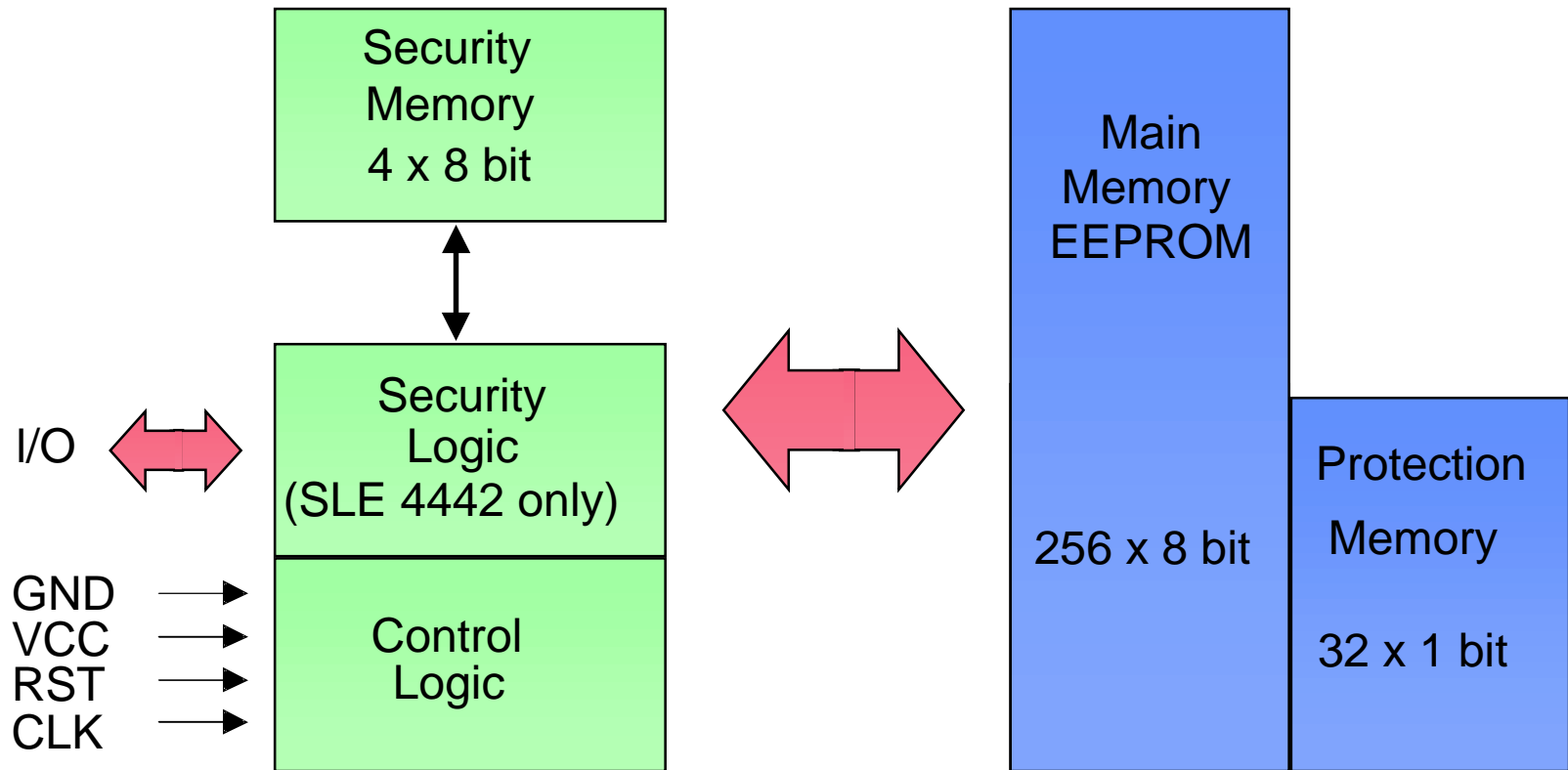
---

- Extended Coding Scheme

Additional feature of SLE 4442

- Data can only be changed after verification of the correct 3-byte programmable security code

# SLE 4432/42 Block Diagram



# SLE 4432/42

## Applications

---

- Health insurance cards e. g. Germany

---

- Access control

---

- Member card e. g. to hotels, to clubs

---

- Portable data carrier

---

- Patient card