

# ISO/IEC 7816-10 Identification cards — Integrated circuit(s) cards with contacts — Part 10: Electronic signals and answer to reset for synchronous cards

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Table 1: Data sheet for Identification cards — Integrated circuit(s) cards with contacts — Part 10: Electronic signals and answer to reset for synchronous cards

|                 |                                                                                                                                               |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Title           | Identification cards — Integrated circuit(s) cards with contacts — Part 10: Electronic signals and answer to reset for synchronous cards      |
| Acronym         |                                                                                                                                               |
| Version         | 1999                                                                                                                                          |
| Document Number | 7816-10                                                                                                                                       |
| Release Date    | 1999                                                                                                                                          |
| Reference       | <a href="https://www.iso.org/obp/ui/#iso:std:iso-iec:7816:-10:ed-1:v2:en">https://www.iso.org/obp/ui/#iso:std:iso-iec:7816:-10:ed-1:v2:en</a> |

**Note:** The following is an excerpt from the official ISO catalog. It is provided here as a convenience and is not authoritative. Refer to the original document as the authoritative reference.

## Scope

This part of ISO/IEC 7816 specifies the power, signal structures, and the structure for the answer to reset between an integrated circuit(s) card with synchronous transmission and an interface device such as a terminal.

The specifications in [ISO/IEC 7816-03 Identification cards — Integrated circuit cards — Part 3: Cards with contacts — Electrical interface and transmission protocols](#) apply where appropriate unless otherwise stated here.

It also covers signal rates, operating conditions, and communication with the integrated circuit(s) card.

This part of ISO/IEC 7816 specifies two types of synchronous cards: type 1 and type 2.

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Last update: **2021/06/24 15:55**

