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A card with a built-in semiconductor-based integrated circuit. Also called a [smart card](#). IC cards are capable of both reading and writing data, and have a larger storage capacity and greater durability than [magnetic cards](#), so the data stored on them is not damaged by contact with magnets. In addition, because IC cards can be fitted with various security functions such as data [encryption](#) and configured to be compatible only with readers that have particular specifications, they are also excellent in terms of security and functionality. IC cards can be divided into [contact cards](#) and [contactless_cards](#), depending on their structure and usage.

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