

SLC 14MCO420K2

32-bit SIM-card Controller
Optimized for Mobile Communication Applications

420 kBytes Flash
12 kBytes RAM

32-bit ARM Cortex M0 based microcontroller

ISO7816 (GSM 11.11, 11.12, 11.18)

Short Product Overview

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|-------------------------|--------------------------------------|
| Product name | SLC 14MCO420K2 |
| Product description | 32-bit SIM-card controller |
| Interfaces | ISO 7816 |
| Memory | 420 kBytes Flash + 12 kBytes RAM |
| CPU | 32-bit |
| Clock (int.) | 1 - 32 MHz |
| Clock (ext.) | 1 - 10 MHz |
| Operating voltage | 1.62 V – 3.3 V |
| Max. sleep mode current | 100 μ A (in ISO clock stop mode) |
| Ambient temperature | -25 to + 85 °C |
| Delivery forms | Module: MFC5.x, MFC1.6 Bare die |
| Typical applications | GSM, UICC |
| Certification level | – |

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