

SLC 14MCO312K2

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

312 kBytes Flash
10 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 14MCO312K2
Product description	32-bit SIM-card controller
Interfaces	ISO 7816
Memory	312 kBytes Flash + 10 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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