

# CY8C4014SXS-421Z Datasheet



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DiGi Electronics Part Number	CY8C4014SXS-421Z-DG
Manufacturer	<a href="#">Infineon Technologies</a>
Manufacturer Product Number	CY8C4014SXS-421Z
Description	IC MCU 32BIT 16KB FLASH 16SOIC
Detailed Description	ARM® Cortex®-M0 Automotive, AEC-Q100, PSOC® 4 C Y8C4000 Microcontroller IC 32-Bit Single-Core 16MHz 16KB (16K x 8) FLASH 16-SOIC

This model CY8C4014SXS-421Z is available at DiGi Electronics.

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## Purchase and inquiry

**Manufacturer Product Number:**

CY8C4014SXS-421Z

**Series:**

Automotive, AEC-Q100, PSOC® 4 CY8C4000

**DiGi-Electronics Programmable:**

Not Verified

**Core Size:**

32-Bit Single-Core

**Connectivity:**

I2C

**Number of I/O:**

13

**Program Memory Type:**

FLASH

**RAM Size:**

2K x 8

**Data Converters:**

D/A 1x7b, 1x8b

**Operating Temperature:**

-40°C ~ 105°C (TA)

**Package / Case:**

16-SOIC (0.154", 3.90mm Width)

**Base Product Number:**

CY8C4014

**Manufacturer:**

Infineon Technologies

**Product Status:**

Active

**Core Processor:**

ARM® Cortex®-M0

**Speed:**

16MHz

**Peripherals:**

Brown-out Detect/Reset, POR, PWM, WDT

**Program Memory Size:**

16KB (16K x 8)

**EEPROM Size:**

-

**Voltage - Supply (Vcc/Vdd):**

1.71V ~ 5.5V

**Oscillator Type:**

Internal

**Mounting Type:**

Surface Mount

**Supplier Device Package:**

16-SOIC

## Environmental & Export classification

**RoHS Status:**

ROHS3 Compliant

**REACH Status:**

REACH Unaffected

**HTSUS:**

8542.31.0001

**Moisture Sensitivity Level (MSL):**

3 (168 Hours)

**ECCN:**

3A991A2

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