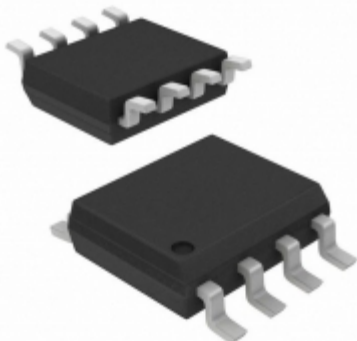


CY8C4014SXI-420T



Images are for reference only.
See Product Specifications for product details.
Buy CY8C4014SXI-420T with confidence from
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Part Number: [CY8C4014SXI-420T](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 16KB FLASH 8SOIC

Data sheet:  [PSoC 4000 Overview](#)
 [PSoC® 4 Tech Ref Manual](#)
 [PSoC® 4: PSoC 4000 Family Datasheet](#)
 [PSoC® 4 Getting Started Guide](#)

RoHs Status: Lead free / RoHS Compliant

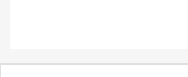
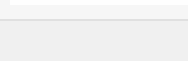
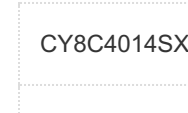
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PRODUCT PARAMETER			
Part Number	CY8C4014SXI-420T	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 16KB FLASH 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	66203 pcs	Data sheet	PSoC 4000 Overview PSoC® 4 Tech Ref Manual PSoC® 4: PSoC 4000 Family Datasheet PSoC® 4 Getting Started Guide
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 5.5 V
Supplier Device Package	8-SOIC	Speed	16MHz
Series	PSOC® 4 CY8C4000	RAM Size	2K x 8
Program Memory Type	FLASH	Program Memory Size	16KB (16K x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	8-SOIC (0.154", 3.90mm Width)	Other Names	428-4129-2 CY8C4014SXI-420T-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	5	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	15 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M0 PSOC® 4 CY8C4000 Microcontroller IC 32-Bit 16MHz 16KB (16K x 8) FLASH 8-SOIC
Data Converters	D/A 1x7b, 1x8b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M0	Connectivity	IPC

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	Part#: CY8C4024FNI-S402T Description: IC MCU 32BIT 16KB FLASH 25WLCSP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: CY8C4014SXI-421T Description: IC MCU 32BIT 16KB FLASH 16SOIC	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4014PVI-412 Description: IC MCU 32BIT 16KB FLASH 28SSOP	Manufacturers: Cypress Semiconductor	RFQ
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