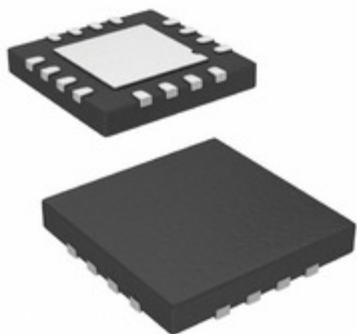


CY8C4014LQI-421



Images are for reference only.
See Product Specifications for product details.
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**CYPRESS**
EMBEDDED IN TOMORROW™

Part Number: [CY8C4014LQI-421](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 16KB FLASH 16QFN

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

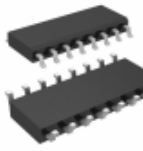
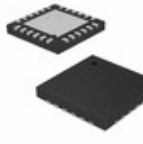
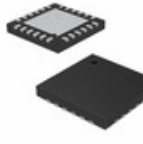
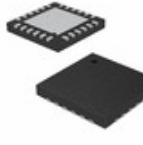
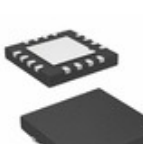
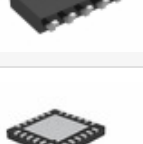
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

PRODUCT PARAMETER			
Part Number	CY8C4014LQI-421	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 16KB FLASH 16QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	93666 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	16-QFN (3x3)	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	Tray
Package / Case	16-UFQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	12
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 16-QFN (3x3)	Data Converters	D/A 1x7b, 1x8b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M0
Connectivity	I²C	Base Part Number	CY8C4014
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	Part#: CY8C4014PVI-412 Description: IC MCU 32BIT 16KB FLASH 28SSOP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4013SXI-410 Description: IC MCU 32BIT 8KB FLASH 8SOIC	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4014LQS-422 Description: IC MCU 32BIT 16KB FLASH 24QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4014LQI-422T Description: IC MCU 32BIT 16KB FLASH 24QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4014LQA-422T Description: IC MCU 32BIT 16KB FLASH 24QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4013SXI-410T Description: IC MCU 32BIT 8KB FLASH 8SOIC	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4014PVI-422 Description: IC MCU 32BIT 16KB FLASH 28SSOP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4014LQS-422T Description: IC MCU 32BIT 16KB FLASH 24QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4014LQI-412 Description: IC MCU 32BIT 16KB FLASH 24QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4014LQI-SLT1 Description: IC MCU 32BIT 16KB FLASH 16QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4014LQI-412T Description: IC MCU 32BIT 16KB FLASH 24QFN	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: CY8C4014LQI-421T Description: IC MCU 32BIT 16KB FLASH 16QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4014PVI-422T Description: IC MCU 32BIT 16KB FLASH 28SSOP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4014LQA-422 Description: IC MCU 32BIT 16KB FLASH 24QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4013SXI-411T Description: IC MCU 32BIT 8KB FLASH 16SOIC	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4014LQI-422 Description: IC MCU 32BIT 16KB FLASH 24QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4014FNI-421AT Description: IC MCU 32BIT 16KB FLASH 16WLCSP	Manufacturers: Cypress Semiconductor	RFQ

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