

CY8C4124LQI-S413T



**CYPRESS**
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Part Number: [CY8C4124LQI-S413T](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 16KB FLASH 40QFN

Data sheet:  [PSoC® 4: PSoC 4100S Family](#)

RoHs Status: Lead free / RoHS Compliant

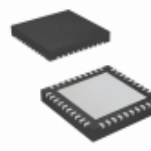
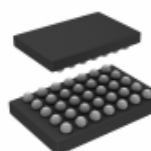
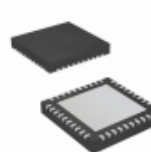
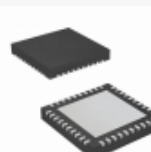
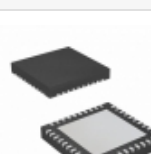
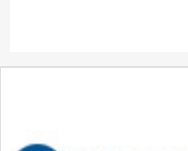
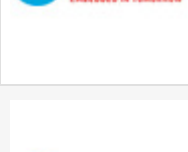
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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	CY8C4124LQI-S413T	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 16KB FLASH 40QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	60057 pcs	Data sheet	PSoC® 4: PSoC 4100S
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	Family 1.71 V ~ 5.5 V
Supplier Device Package	40-QFN (6x6)	Speed	24MHz
Series	PSOC® 4 CY8C4100S	RAM Size	4K x 8
Program Memory Type	FLASH	Program Memory Size	16KB (16K x 8)
Peripherals	Brown-out Detect/Reset, CapSense, LCD, LVD, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	40-UFQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	34
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 CY8C4100S Microcontroller IC 32-Bit 24MHz 16KB (16K x 8) FLASH 40-QFN (6x6)	Data Converters	A/D 1x10b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M0+
Connectivity	I²C, IrDA, LINbus, Microwire, SmartCard, SPI, SSP, UART/USART		
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RELATED PRODUCTS			
	Part#: CY8C4124LQI-S433	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 16KB FLASH 40QFN		
	Part#: CY8C4124FNI-S413T	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 16KB FLASH 35WLCSP		
	Part#: CY8C4124LQI-443	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 16KB FLASH 40QFN		
	Part#: CY8C4124LQQ-443	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 16KB FLASH 40QFN		
	Part#: CY8C4124PVA-442ZT	Manufacturers: Cypress Semiconductor	RFQ
	Description: PSOC4		
	Part#: CY8C4124FNI-S433T	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 16KB FLASH 35WLCSP		
	Part#: CY8C4124LQI-443T	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 16KB FLASH 40QFN		
	Part#: CY8C4124PVA-442	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 16KB FLASH 28SSOP		
	Part#: CY8C4124LQI-S433T	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 16KB FLASH 40QFN		
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	Part#: CY8C4124AZI-S433T	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: CY8C4124LQI-S413	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 16KB FLASH 40QFN		
	Part#: CY8C4124FNI-S403T	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 16KB FLASH 35WLCSP		
	Part#: CY8C4124LQI-S432	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 16KB FLASH 32QFN		
	Part#: CY8C4124LQI-S412T	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 16KB FLASH 32QFN		
	Part#: CY8C4124PVA-442Z	Manufacturers: Cypress Semiconductor	RFQ
	Description: PSOC4		
	Part#: CY8C4124FNI-443T	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 16KB FLASH 35WLCSP		
	Part#: CY8C4124LQI-S412	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 16KB FLASH 32QFN		
	Part#: CY8C4124PVA-442T	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 16KB FLASH 28SSOP		
	Part#: CY8C4124PVI-432	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 32BIT 16KB FLASH 28SSOP		

Related keywords for CY8C4124LQI-S413T

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