

CY8C4124LQI-S413





Part Number: [CY8C4124LQI-S413](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 16KB FLASH 40QFN

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

RoHs Status: Lead free / RoHS Compliant

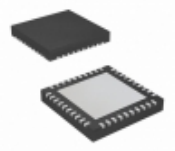
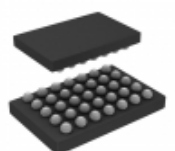
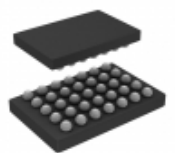
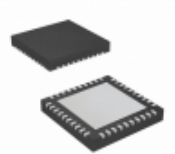
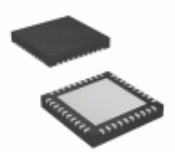
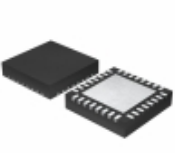
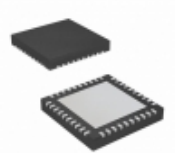
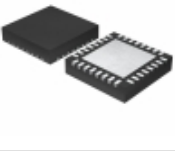
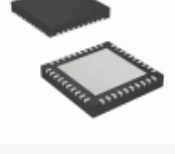
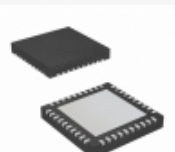
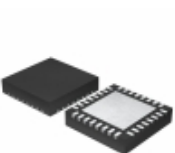
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Request For Quotation

PRODUCT PARAMETER			
Part Number	CY8C4124LQI-S413	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 16KB FLASH 40QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	39592 pcs	Data sheet	PSoC® 4: PSoC 4100S Family
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	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	Tray
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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	Part#: CY8C4124PVA-442 Description: IC MCU 32BIT 16KB FLASH 28SSOP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4124FNI-S413T Description: IC MCU 32BIT 16KB FLASH 35WLCSP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4124LQI-443 Description: IC MCU 32BIT 16KB FLASH 40QFN	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: CY8C4124LQI-S432 Description: IC MCU 32BIT 16KB FLASH 32QFN	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: CY8C4124LQI-S412 Description: IC MCU 32BIT 16KB FLASH 32QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4124LQI-S433T Description: IC MCU 32BIT 16KB FLASH 40QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4124AZI-S433T Description: IC MCU 32BIT 16KB FLASH 48TQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: CY8C4124LQI-S412T Description: IC MCU 32BIT 16KB FLASH 32QFN	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: CY8C4124PVA-442Z Description: PSOC4	Manufacturers: Cypress Semiconductor	RFQ

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