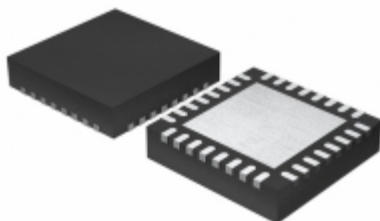


CY8C4146LQI-S422



Images are for reference only.
See Product Specifications for product details.
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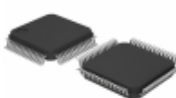
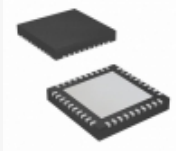
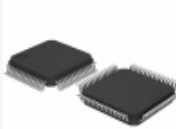
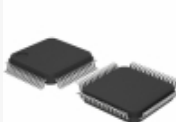
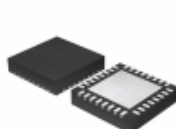
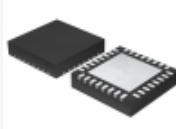
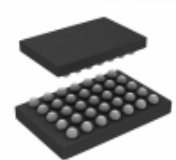
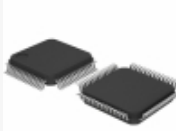
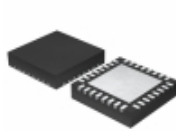
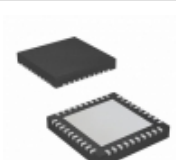
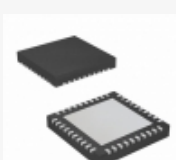
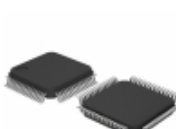
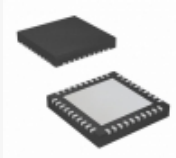


Part Number: [CY8C4146LQI-S422](#)
Manufacturer: [Cypress Semiconductor](#)
Description: IC MCU 32BIT 64KB FLASH 32QFN
Data sheet:  [PSoC® 4: PSoC 4100S Family](#)

RoHs Status: Lead free / RoHS Compliant
Ship From: Hong Kong
Shipment Way: DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

PRODUCT PARAMETER			
Part Number	CY8C4146LQI-S422	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 64KB FLASH 32QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	55109 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	32-QFN (5x5)	Speed	48MHz
Series	PSOC® 4 CY8C4100S	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	Brown-out Detect/Reset, CapSense, LCD, POR, PWM, WDT	Packaging	Tray
Package / Case	32-UFQFN Exposed Pad	Other Names	428-4163 CY8C4146LQI-S422-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	27	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 48MHz 64KB (64K x 8) FLASH 32-QFN (5x5)
Data Converters	A/D 8x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M0+	Connectivity	I²C, IrDA, LINbus, SPI, UART/USART
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	Part#: CY8C4146AZI-S423T Description: IC MCU 32BIT 64KB FLASH 48TQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4147AXI-S455 Description: IC MCU 32BIT 128KB FLASH 64TQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4146AZI-S433T Description: IC MCU 32BIT 64KB FLASH 48TQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4146FNI-S443T Description: IC MCU 32BIT 64KB FLASH 35WLCSP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4146AZI-S445 Description: IC MCU 32BIT 64KB FLASH 64TQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4147AXI-S445 Description: IC MCU 32BIT 128KB FLASH 64TQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4146FNI-S423T Description: IC MCU 32BIT 64KB FLASH 35WLCSP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4147AXI-S465 Description: IC MCU 32BIT 128KB FLASH 64TQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4146LQI-S432 Description: IC MCU 32BIT 64KB FLASH 32QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4146LQI-S422T Description: IC MCU 32BIT 64KB FLASH 32QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4146FNI-S433T Description: IC MCU 32BIT 64KB FLASH 35WLCSP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4146AZI-S455 Description: IC MCU 32BIT 64KB FLASH 64TQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4146LQI-S432T Description: IC MCU 32BIT 64KB FLASH 32QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4146AZI-S433 Description: IC MCU 32BIT 64KB FLASH 48TQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4146LQI-S433T Description: IC MCU 32BIT 64KB FLASH 40QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4146LQI-S423 Description: IC MCU 32BIT 64KB FLASH 40QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4146AZI-S423 Description: IC MCU 32BIT 64KB FLASH 48TQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4146LQI-S433 Description: IC MCU 32BIT 64KB FLASH 40QFN	Manufacturers: Cypress Semiconductor	RFQ

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