

CY8C4146LQI-S433



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Part Number: [CY8C4146LQI-S433](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 64KB FLASH 40QFN

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

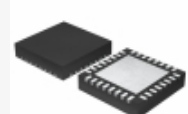
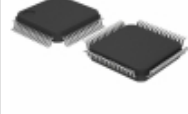
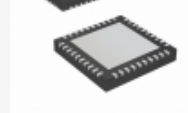
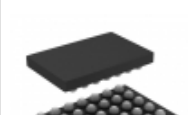
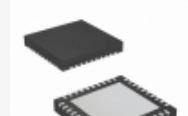
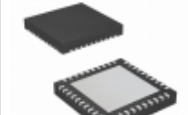
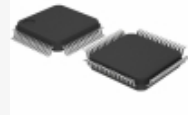
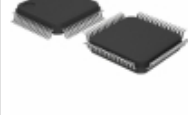
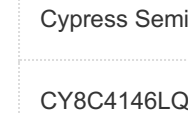
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	CY8C4146LQI-S433	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 64KB FLASH 40QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	45835 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	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	40-UFQFN Exposed Pad	Other Names	428-4456 CY8C4146LQI-S433-ND
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 48MHz 64KB (64K x 8) FLASH 40-QFN (6x6)
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#: CY8C4147AXI-S445 Description: IC MCU 32BIT 128KB FLASH 64TQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4146LQI-S423 Description: IC MCU 32BIT 64KB FLASH 40QFN	Manufacturers: Cypress Semiconductor	RFQ
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