

CY8C3444AXI-116



Part Number: [CY8C3444AXI-116](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 8BIT 16KB FLASH 100TQFP

Data sheet:  [CY8C34 Family PSoC 3](#)

RoHs Status: Lead free / RoHS Compliant

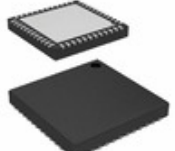
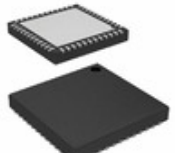
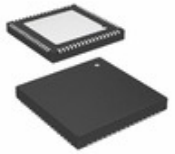
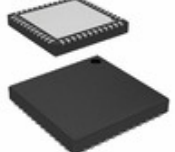
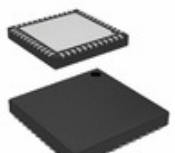
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PRODUCT PARAMETER			
Part Number	CY8C3444AXI-116	Manufacturer	Cypress Semiconductor
Description	IC MCU 8BIT 16KB FLASH 100TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	9802 pcs	Data sheet	CY8C34 Family PSoC 3
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 5.5 V
Supplier Device Package	100-TQFP (14x14)	Speed	50MHz
Series	PSOC® 3 CY8C34xx	RAM Size	2K x 8
Program Memory Type	FLASH	Program Memory Size	16KB (16K x 8)
Peripherals	CapSense, DMA, LCD, POR, PWM, WDT	Packaging	Tray
Package / Case	100-LQFP	Other Names	428-3118 CY8C3444AXI-I-116-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	62	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	512 x 8
Detailed Description	8051 PSOC® 3 CY8C34xx Microcontroller IC 8-Bit 50MHz 16KB (16K x 8) FLASH 100-TQFP (14x14)	Data Converters	A/D 16x12b, D/A 2x8b
Core Size	8-Bit	Core Processor	8051
Connectivity	EBI/EMI, I²C, LINbus, SPI, UART/USART	Base Part Number	CY8C3444
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	Part#: CY8C3444LT-113	Manufacturers: Cypress Semiconductor	RFQ
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	Description: IC MCU 8BIT 64KB FLASH 48SSOP		
	Part#: CY8C3444LT-111	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 8BIT 16KB FLASH 68QFN		
	Part#: CY8C3444AXA-096	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 8BIT 16KB FLASH 100TQFP		
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	Description: IC MCU 8BIT 16KB FLASH 100TQFP		
	Part#: CY8C3246PVI-141	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 8BIT 64KB FLASH 48SSOP		
	Part#: CY8C3444AXI-117	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 8BIT 16KB FLASH 100TQFP		
	Part#: CY8C3444AXA-116	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 8BIT 16KB FLASH 100TQFP		
	Part#: CY8C3444AXI-096	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 8BIT 16KB FLASH 100TQFP		
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	Description: IC MCU 8BIT 16KB FLASH 48QFN		
	Part#: CY8C3444AXI-106	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 8BIT 16KB FLASH 100TQFP		
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	Description: IC MCU 8BIT 16KB FLASH 68QFN		
	Part#: CY8C3444LT-110	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 8BIT 16KB FLASH 68QFN		
	Part#: CY8C3444LT-119T	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 8BIT 16KB FLASH 48QFN		
	Part#: CY8C3246PVI-147	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 8BIT 64KB FLASH 48SSOP		
	Part#: CY8C3444LT-112	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 8BIT 16KB FLASH 48QFN		
	Part#: CY8C3444AXA-106	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 8BIT 16KB FLASH 100TQFP		

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