

CY8C26643-24AI



Part Number: [CY8C26643-24AI](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 8BIT 16KB FLASH 44TQFP

Data sheet:  [CY8C25122](#), [CY8C26233/443/643](#)

RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	CY8C26643-24AI	Manufacturer	Cypress Semiconductor
Description	IC MCU 8BIT 16KB FLASH 44TQFP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	5907 pcs	Data sheet	CY8C25122 , CY8C26233/443/643
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 5.25 V
Supplier Device Package	44-TQFP (10x10)	Speed	24MHz
Series	PSOC®1 CY8C26xxx	RAM Size	256 x 8
Program Memory Type	FLASH	Program Memory Size	16KB (16K x 8)
Peripherals	LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	44-LQFP	Other Names	428-1431 428-1431-5 428-1431-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	40	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	EEPROM Size	-
Detailed Description	M8C PSOC®1 CY8C26xxx Microcontroller IC 8-Bit 24MHz 16KB (16K x 8) FLASH 44-TQFP (10x10)	Data Converters	A/D 1x8b, 1x11b, 1x12b; D/A 1x9b
Core Size	8-Bit	Core Processor	M8C
Connectivity	SPI, UART/USART	Base Part Number	CY8C26643
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	Part#: CY8C26643-24PVXI Description: IC MCU 8BIT 16KB FLASH 48SSOP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C26443-24PVXI Description: IC MCU 8BIT 16KB FLASH 28SSOP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C26643-24PVIT Description: IC MCU 8BIT 16KB FLASH 48SSOP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C26443-24PVIT Description: IC MCU 8BIT 16KB FLASH 28SSOP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: CY8C26443-24SIT Description: IC MCU 8BIT 16KB FLASH 28SOIC	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: CY8C26643-24AXI Description: IC MCU 8BIT 16KB FLASH 44TQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: CY8C26443-24PXI Description: IC MCU 8BIT 16KB FLASH 28DIP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C26443-24SXI Description: IC MCU 8BIT 16KB FLASH 28SOIC	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: CY8C27243-24PVIT Description: IC MCU 8BIT 16KB FLASH 20SSOP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C26643-24PVI Description: IC MCU 8BIT 16KB FLASH 48SSOP	Manufacturers: Cypress Semiconductor	RFQ
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