

CY8C4245AZI-M443



Part Number: [CY8C4245AZI-M443](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 32KB FLASH 48TQFP

Data sheet:  [PSoC 4200M Family](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

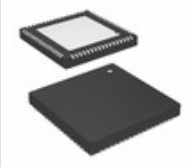
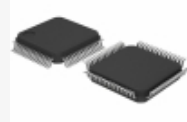
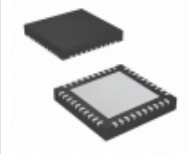
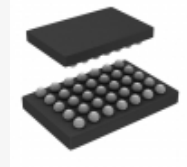
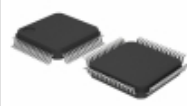
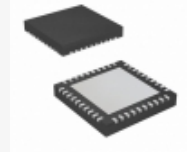
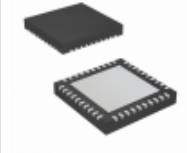
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Request For Quotation

PRODUCT PARAMETER			
Part Number	CY8C4245AZI-M443	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 32KB FLASH 48TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	35940 pcs	Data sheet	PSoC 4200M Family
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 5.5 V
Supplier Device Package	48-TQFP (7x7)	Speed	48MHz
Series	PSOC® 4 CY8C42xx - M	RAM Size	4K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (32K x 8)
Peripherals	Brown-out Detect/Reset, Cap Sense, LCD, LVD, POR, PWM, SmartSense, WDT	Packaging	Tray
Package / Case	48-LQFP	Other Names	428-4509 CY8C4245AZI-M443-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	38	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 CY8C42xx - M Microcontroller IC 32-Bit 48MHz 32KB (32K x 8) FLASH 48-TQFP (7x7)
Data Converters	A/D 8x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M0	Connectivity	I²C, IrDA, LINbus, Microwire, SmartCard, SPI, SSP, UART/USART

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