

CY8C4126AXI-M445





Part Number: [CY8C4126AXI-M445](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 64KB FLASH 64TQFP

Data sheet:  [PSoC 4100M Family](#)

RoHs Status: Lead free / RoHS Compliant

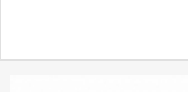
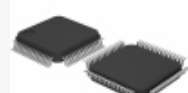
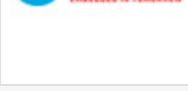
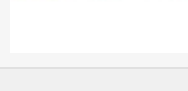
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PRODUCT PARAMETER			
Part Number	CY8C4126AXI-M445	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 64KB FLASH 64TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	26889 pcs	Data sheet	PSoC 4100M Family
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 5.5 V
Supplier Device Package	64-TQFP (14x14)	Speed	24MHz
Series	PSOC® 4 CY8C41xx - M	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	Brown-out Detect/Reset, CapSense, LCD, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	64-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	51
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 CY8C41xx - M Microcontroller IC 32-Bit 24MHz 64KB (64K x 8) FLASH 64-TQFP (14x14)	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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	Part#: CY8C4126AZI-M443 Description: IC MCU 32BIT 64KB FLASH 48TQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: CY8C4125PVA-482T Description: IC MCU 32BIT 32KB FLASH 28SSOP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C4126AZI-M445 Description: IC MCU 32BIT 64KB FLASH 64TQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: CY8C4125PVI-482T Description: IC MCU 32BIT 32KB FLASH 28SSOP	Manufacturers: Cypress Semiconductor	RFQ
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