

CY8C4127AXI-S445





Part Number: [CY8C4127AXI-S445](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 128KB FLASH 64TQFP

Data sheet:  [PSoC 4100S Plus](#)

RoHs Status:

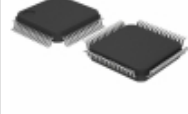
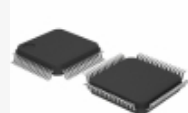
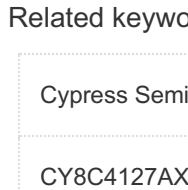
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PRODUCT PARAMETER			
Part Number	CY8C4127AXI-S445	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 128KB FLASH 64TQFP	Lead Free Status / RoHS Status	
Quantity Available	35970 pcs	Data sheet	PSoC 4100S Plus
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 5.5 V
Supplier Device Package	64-TQFP (14x14)	Speed	24MHz
Series	PSOC® 4 CY8C4100S	RAM Size	16K x 8
Program Memory Type	FLASH	Program Memory Size	128KB (128K x 8)
Peripherals	Brown-out Detect/Reset, CapSense, LCD, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	64-LQFP	Other Names	428-4376
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	54	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	15 Weeks	EEPROM Size	-
Detailed Description	ARM® Cortex®-M0+ PSOC® 4 CY8C4100S Microcontroller IC 32-Bit 24MHz 128KB (128K 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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