

CY8C5888AXQ-LP096



Part Number: [CY8C5888AXQ-LP096](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 256KB FLASH 100TQFP

Data sheet:  [CY8C58LP Family](#)

RoHs Status: Lead free / RoHS Compliant

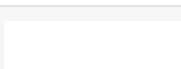
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PRODUCT PARAMETER			
Part Number	CY8C5888AXQ-LP096	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 256KB FLASH 100TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	7228 pcs	Data sheet	CY8C58LP Family
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 5.5 V
Supplier Device Package	100-TQFP (14x14)	Speed	80MHz
Series	PSOC® 5 CY8C58LP	RAM Size	64K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	CapSense, DMA, LCD, POR, PWM, WDT	Packaging	Tray
Package / Case	100-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)	Number of I/O	62
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	15 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	2K x 8
Detailed Description	ARM® Cortex®-M3 PSOC® 5 CY8C58LP Microcontroller IC 32-Bit 80MHz 256KB (256K x 8) FLASH 100-TQFP (14x14)	Data Converters	A/D 1x20b, 2x12b, D/A 4x8b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M3
Connectivity	CANbus, I²C, LINbus, SPI, UART/USART, USB		
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	Part#: CY8C5868AXI-LP032 Description: IC MCU 32BIT 256KB FLASH 100TQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C5867LTi-LP028 Description: IC MCU 32BIT 128KB FLASH 68QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C5868LTi-LP039 Description: IC MCU 32BIT 256KB FLASH 68QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C6347BZI-BLD53 Description: IC DUAL CORE MCU 32BIT 1M 116BGA	Manufacturers: Cypress Semiconductor	RFQ
	Part#: CY8C5868LTi-LP038 Description: IC MCU 32BIT 256KB FLASH 68QFN	Manufacturers: Cypress Semiconductor	RFQ
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