

CY8C5888AXI-LP096



Part Number: [CY8C5888AXI-LP096](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 256KB FLASH 100TQFP

Data sheet:  [CY8C58LP Family](#)

RoHs Status: Lead free / RoHS Compliant

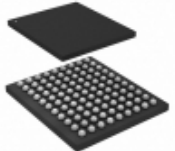
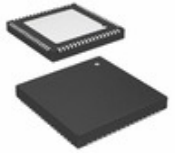
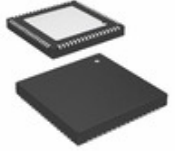
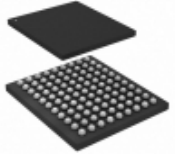
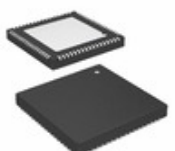
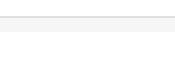
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PRODUCT PARAMETER		
Part Number	CY8C5888AXI-LP096	Manufacturer Cypress Semiconductor
Description	IC MCU 32BIT 256KB FLASH 100TQFP	Lead Free Status / RoHS Status Lead free / RoHS Compliant
Quantity Available	6456 pcs	Data sheet CY8C58LP Family
Category	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 ~ 85°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#: CY8C5867LTI-LP025 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#: CY8C6247FDI-D32T Description: IC DUAL CORE MCU 32BIT 1M 80WLCS	Manufacturers: Cypress Semiconductor RFQ
	Part#: CY8C5866AXI-LP020 Description: IC MCU 32BIT 64KB FLASH 100TQFP	Manufacturers: Cypress Semiconductor RFQ
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	Part#: CY8C6347BZI-BLD53 Description: IC DUAL CORE MCU 32BIT 1M 116BGA	Manufacturers: Cypress Semiconductor RFQ
	Part#: CY8C5868AXI-LP035 Description: IC MCU 32BIT 256KB FLASH 100TQFP	Manufacturers: Cypress Semiconductor RFQ
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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#: CY8C6347BZI-BLD43 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
	Part#: CY8C5866AXI-LP021 Description: IC MCU 32BIT 64KB FLASH 100TQFP	Manufacturers: Cypress Semiconductor RFQ

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