

CY8C5868LTI-LP038



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Part Number: [CY8C5868LTI-LP038](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 256KB FLASH 68QFN

Data sheet:  [CY8C58LP Family](#)

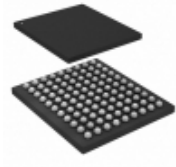
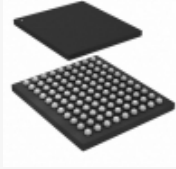
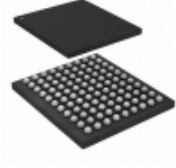
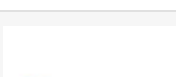
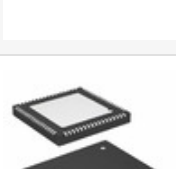
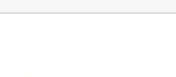
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	CY8C5868LTI-LP038	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 256KB FLASH 68QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	9467 pcs	Data sheet	CY8C58LP Family
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 5.5 V
Supplier Device Package	68-QFN (8x8)	Speed	67MHz
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	68-VFQFN Exposed Pad	Other Names	428-3231 CY8C5868LTILP038
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	2K x 8	Detailed Description	ARM® Cortex®-M3 PSOC® 5 CY8C58LP Microcontroller IC 32-Bit 67MHz 256KB (256K x 8) FLASH 68-QFN (8x8)
Data Converters	A/D 1x20b, 2x12b, D/A 4x8b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M3	Connectivity	I²C, LINbus, SPI, UART/USART, USB
Base Part Number	CY8C5868		
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