

CY8C5468AXI-LP042



Part Number: [CY8C5468AXI-LP042](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 256KB FLASH 100TQFP

Data sheet:  [CY8C54LP Family](#)

RoHs Status: Lead free / RoHS Compliant

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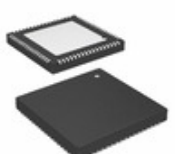
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PRODUCT PARAMETER	
Part Number	CY8C5468AXI-LP042
Description	IC MCU 32BIT 256KB FLASH 100TQFP
Quantity Available	18589 pcs
Category	Integrated Circuits (ICs)
Supplier Device Package	100-TQFP (14x14)
Series	PSOC® 5 CY8C54LP
Program Memory Type	FLASH
Peripherals	CapSense, DMA, LCD, POR, PWM, WDT
Package / Case	100-LQFP
Operating Temperature	-40°C ~ 85°C (TA)
Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	ARM® Cortex®-M3 PSOC® 5 CY8C54LP Microcontroller IC 32-Bit 67MHz 256KB (256K x 8) FLASH 100-TQFP (14x14)
Core Size	32-Bit
Connectivity	I²C, LINbus, SPI, UART/USART, USB
Manufacturer	Cypress Semiconductor
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Data sheet	CY8C54LP Family
Voltage - Supply (Vcc/Vdd)	1.71 V ~ 5.5 V
Speed	67MHz
RAM Size	64K x 8
Program Memory Size	256KB (256K x 8)
Packaging	Tray
Oscillator Type	Internal
Number of I/O	62
Manufacturer Standard Lead Time	15 Weeks
EEPROM Size	2K x 8
Data Converters	A/D 1x12b, D/A 2x8b
Core Processor	ARM® Cortex®-M3

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