

CY8C5247LTI-089



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Part Number: [CY8C5247LTI-089](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 128KB FLASH 68QFN

Data sheet:  [CY8C52](#)

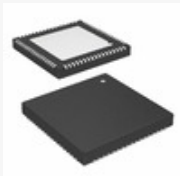
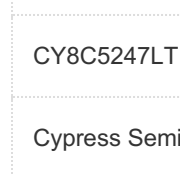
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER		
Part Number	CY8C5247LTI-089	Manufacturer Cypress Semiconductor
Description	IC MCU 32BIT 128KB FLASH 68QFN	Lead Free Status / RoHS StatusLead free / RoHS Compliant
Quantity Available	4255 pcs	Data sheet CY8C52
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)2.7 V ~ 5.5 V
Supplier Device Package	68-QFN (8x8)	Speed40MHz
Series	PSOC® 5 CY8C52	RAM Size32K x 8
Program Memory Type	FLASH	Program Memory Size128KB (128K x 8)
Peripherals	CapSense, DMA, LCD, POR, PWM, WDT	PackagingTray
Package / Case	68-VFQFN Exposed Pad	Other Names428-3132 CY8C5247LTI089
Oscillator Type	Internal	Operating Temperature-40°C ~ 85°C (TA)
Number of I/O	36	Moisture Sensitivity Level (MSL)3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size2K x 8
Detailed Description	ARM® Cortex®-M3 PSOC® 5 CY8C52 Microcontroller IC 32-Bit 40MHz 128KB (128K x 8) FLASH 68-QFN (8x8)	Data ConvertersA/D 1x12b, D/A 1x8b
Core Size	32-Bit	Core ProcessorARM® Cortex®-M3
Connectivity	I²C, LINbus, SPI, UART/USART, USB	Base Part NumberCY8C5247
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