

CY8C5668AXI-LP010



Part Number: [CY8C5668AXI-LP010](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 256KB FLASH 100TQFP

Data sheet:  [CY8C56LP PSoC 5LP Family](#)

RoHs Status: Lead free / RoHS Compliant

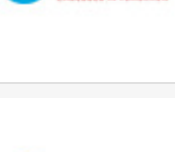
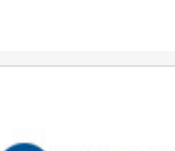
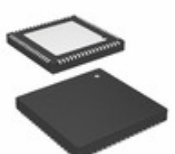
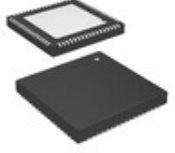
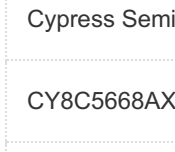
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PRODUCT PARAMETER			
Part Number	CY8C5668AXI-LP010	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 256KB FLASH 100TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	7292 pcs	Data sheet	CY8C56LP PSoC 5LP Family
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 5.5 V
Supplier Device Package	100-TQFP (14x14)	Speed	67MHz
Series	PSOC® 5 CY8C56LP	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 CY8C56LP Microcontroller IC 32-Bit 67MHz 256KB (256K x 8) FLASH 100-TQFP (14x14)	Data Converters	A/D 2x12b, D/A 4x8b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M3
Connectivity	I²C, LINbus, SPI, UART/USART, USB	Base Part Number	CY8C5668
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