

CY8C4244PVA-442T



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Part Number: [CY8C4244PVA-442T](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 16KB FLASH 28SSOP

Data sheet:  [PSoC 4200 Family](#)

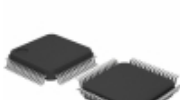
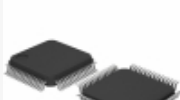
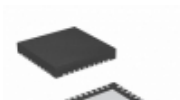
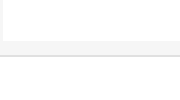
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	CY8C4244PVA-442T	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 16KB FLASH 28SSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	26001 pcs	Data sheet	PSoC 4200 Family
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 5.5 V
Supplier Device Package	28-SSOP	Speed	48MHz
Series	Automotive, AEC-Q100, PSOC® 4 CY8C4200	RAM Size	4K x 8
Program Memory Type	FLASH	Program Memory Size	16KB (16K x 8)
Peripherals	Brown-out Detect/Reset, CapSense, LCD, LVD, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	28-SSOP (0.209", 5.30mm Width)	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	24
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	15 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M0 Automotive, AEC-Q100, PSOC® 4 CY8C4200 Microcontroller IC 32-Bit 48MHz 16KB (16K x 8) FLASH 28-SSOP	Data Converters	A/D 8x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M0
Connectivity	I²C, IrDA, LINbus, Microwire, SmartCard, SPI, SSP, UART/USART		
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