



CY8C3444PVI-101 Information



For Reference Only

Part Number CY8C3444PVI-101

Manufacturer Cypress Semiconductor Corp
Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 8BIT 16KB FLASH 48SSOP **Package** 48-BSSOP (0.295", 7.50mm Width)

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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CY8C3444PVI-101 Specifications

Manufacturer CY8C3444PVI-101 Manufacturer Cypress Semiconductor Corp Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 48-BSSOP (0.295", 7.50mm Width) Series PSOC? 3 CY8C34xx Core Processor 8051 Core Size 8-Bit Speed 50MHz Connectivity EBI/EMI, I2C, LIN, SPI, UART/USART, USB Peripherals CapSense, DMA, POR, PWM, WDT Number of I/O 25 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size 512 x 8 RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 1.71 V ~ 5.5 V Data Converters A/D 1x12b, D/A 2x8b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type -48.RSSOP (0.295", 7.50mm Width)		
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Connectivity EBI/EMI, 12C, LIN, SPI, UART/USART, USB Peripherals CapSense, DMA, POR, PWM, WDT Number of I/O 25 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size 512 x 8 RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 1.71 V ~ 5.5 V Data Converters A/D 1x12b, D/A 2x8b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type -	Core Size	8-Bit
Peripherals CapSense, DMA, POR, PWM, WDT Number of I/O 25 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size 512 x 8 RAM Size Voltage - Supply (Vcc/Vdd) 1.71 V ~ 5.5 V Data Converters A/D 1x12b, D/A 2x8b Oscillator Type Internal Operating Temperature 40°C ~ 85°C (TA) Mounting Type -	Speed	50MHz
Number of I/O25Program Memory Size $16KB (16K \times 8)$ Program Memory Type $FLASH$ EEPROM Size 512×8 RAM Size $2K \times 8$ Voltage - Supply (Vcc/Vdd) $1.71 \text{ V} \sim 5.5 \text{ V}$ Data Converters $A/D 1x12b, D/A 2x8b$ Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$ Mounting Type-	Connectivity	EBI/EMI, I2C, LIN, SPI, UART/USART, USB
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Oscillator Type Internal Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA) Mounting Type -	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 5.5 V
Operating Temperature -40°C ~ 85°C (TA) Mounting Type -	Data Converters	A/D 1x12b, D/A 2x8b
Mounting Type -	Oscillator Type	Internal
	Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$
Package / Case 48-RSSOP (0.295" 7.50mm Width)	Mounting Type	-
1 derage / Case To-Dissol (0.273, 7.30mm width)	Package / Case	48-BSSOP (0.295", 7.50mm Width)
Supplier Device Package 48-SSOP	Supplier Device Package	48-SSOP
Report errors		Report errors?

CY8C3444PVI-101 Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

CY8C3444PVI-101 Payment Methods



















CY8C3444PVI-101 Shipping Methods













If you have any question about CY8C3444PVI-101, please do not hesitate to contact us!

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