



CY8C3244PVI-126 Information



For Reference Only

Part Number CY8C3244PVI-126

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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CY8C3244PVI-126 Specifications

Manufacturer Part Number CY8C3244PVI-126 Manufacturer Cypress Semiconductor Corp Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 48-BSSOP (0.295", 7.50mm Width) Series PSOC? 3 CY8C32xx Core Processor 8051 Core Size 8-Bit Speed 50MHz Connectivity EBI/EMI, 12C, LIN, SPI, UART/USART, USB Peripherals CapSense, DMA, LCD, 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 1x8b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA)		
Integrated Circuits (ICs)	Manufacturer Part Number	CY8C3244PVI-126
Embedded - MicrocontrollersPackage48-BSSOP (0.295", 7.50mm Width)SeriesPSOC? 3 CY8C32xxCore Processor8051Core Size8-BitSpeed50MHzConnectivityEBI/EMI, 12C, LIN, SPI, UART/USART, USBPeripheralsCapSense, DMA, LCD, POR, PWM, WDTNumber of I/O25Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size512 x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 5.5 VData ConvertersA/D 1x12b, D/A 1x8bOscillator TypeInternal	Manufacturer	Cypress Semiconductor Corp
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Core Processor 8051 Core Size 8-Bit Speed 50MHz Connectivity EBI/EMI, I2C, LIN, SPI, UART/USART, USB Peripherals CapSense, DMA, LCD, 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 1x8b Oscillator Type Internal	Package	48-BSSOP (0.295", 7.50mm Width)
Core Size 8-Bit Speed 50MHz Connectivity EBI/EMI, 12C, LIN, SPI, UART/USART, USB Peripherals CapSense, DMA, LCD, 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 1x8b Oscillator Type Internal	Series	PSOC? 3 CY8C32xx
Speed 50MHz Connectivity EBI/EMI, I2C, LIN, SPI, UART/USART, USB Peripherals CapSense, DMA, LCD, 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 1x8b Oscillator Type Internal	Core Processor	8051
Connectivity EBI/EMI, I2C, LIN, SPI, UART/USART, USB Peripherals CapSense, DMA, LCD, 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 1x8b Oscillator Type Internal	Core Size	8-Bit
Peripherals CapSense, DMA, LCD, 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 1x8b Oscillator Type Internal	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 $A/D 1 \times 12b$, $D/A 1 \times 8b$ Oscillator TypeInternal	Connectivity	EBI/EMI, I2C, LIN, SPI, UART/USART, USB
Program Memory Size $16KB (16K \times 8)$ Program Memory TypeFLASHEEPROM Size 512×8 RAM Size $2K \times 8$ Voltage - Supply (Vcc/Vdd) $1.71 \text{ V} \sim 5.5 \text{ V}$ Data ConvertersA/D $1x12b$, D/A $1x8b$ Oscillator TypeInternal	Peripherals	CapSense, DMA, LCD, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size 512×8 RAM Size $2K \times 8$ Voltage - Supply (Vcc/Vdd) $1.71 \text{ V} \sim 5.5 \text{ V}$ Data ConvertersA/D $1 \times 12 \text{ b}$, D/A $1 \times 8 \text{ b}$ Oscillator TypeInternal	Number of I/O	25
EEPROM Size 512×8 RAM Size $2K \times 8$ Voltage - Supply (Vcc/Vdd) $1.71 \text{ V} \sim 5.5 \text{ V}$ Data Converters $A/D 1x12b, D/A 1x8b$ Oscillator Type Internal	Program Memory Size	16KB (16K x 8)
RAM Size $ 2K \times 8 $ $ Voltage - Supply (Vcc/Vdd) \qquad 1.71 \text{ V} \sim 5.5 \text{ V} $ $ Data Converters \qquad A/D 1x12b, D/A 1x8b $ $ Oscillator Type \qquad Internal $	Program Memory Type	FLASH
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Data Converters A/D 1x12b, D/A 1x8b Oscillator Type Internal	RAM Size	2K x 8
Oscillator Type Internal	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 5.5 V
	Data Converters	A/D 1x12b, D/A 1x8b
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$	Oscillator Type	Internal
	Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$
Mounting Type -	Mounting Type	_
Package / Case 48-BSSOP (0.295", 7.50mm Width)	Package / Case	48-BSSOP (0.295", 7.50mm Width)
Supplier Device Package 48-SSOP	Supplier Device Package	48-SSOP
Report errors		Report errors?

CY8C3244PVI-126 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.

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CY8C3244PVI-126 Shipping Methods













If you have any question about CY8C3244PVI-126, please do not hesitate to contact us!

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