



CY8C3446PVA-076 Information



For Reference Only

Part Number CY8C3446PVA-076

Manufacturer Cypress Semiconductor Corp

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 8BIT 64KB 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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CY8C3446PVA-076 Specifications

Manufacturer Part Number CY8C3446PVA-076 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, 12C, LIN, SPI, UART/USART, USB Peripherals CapSense, DMA, LCD, POR, PWM, WDT Number of I/O 25 Program Memory Size 64KB (64K x 8) Program Memory Type FLASH EEPROM Size 2K x 8 RAM Size 8K x 8 Voltage - Supply (Vcc/Vdd) 1.71 V ~ 5.5 V Data Converters A/D 2x12b, D/A 1x8b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 48-BSSOP (0.295", 7.50mm Width) Supplier Device Package 48-SSOP		
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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 64KB (64K x 8) Program Memory Type FLASH EEPROM Size 2K x 8 RAM Size 8K x 8 Voltage - Supply (Vcc/Vdd) 1.71 V ~ 5.5 V Data Converters A/D 2x12b, D/A 1x8b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 48-BSSOP (0.295", 7.50mm Width)	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 64KB (64K x 8) Program Memory Type FLASH EEPROM Size 2K x 8 RAM Size 8K x 8 Voltage - Supply (Vcc/Vdd) 1.71 V ~ 5.5 V Data Converters A/D 2x12b, D/A 1x8b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 48-BSSOP (0.295", 7.50mm Width)	Core Size	8-Bit
Peripherals CapSense, DMA, LCD, POR, PWM, WDT Number of I/O 25 Program Memory Size 64KB (64K x 8) Program Memory Type FLASH EEPROM Size 2K x 8 RAM Size Voltage - Supply (Vcc/Vdd) 1.71 V ~ 5.5 V Data Converters A/D 2x12b, D/A 1x8b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type Package / Case 48-BSSOP (0.295", 7.50mm Width)	Speed	50MHz
Number of I/O 25 Program Memory Size 64KB (64K x 8) Program Memory Type FLASH EEPROM Size 2K x 8 RAM Size 8K x 8 Voltage - Supply (Vcc/Vdd) 1.71 V ~ 5.5 V Data Converters A/D 2x12b, D/A 1x8b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 48-BSSOP (0.295", 7.50mm Width)	Connectivity	EBI/EMI, I2C, LIN, SPI, UART/USART, USB
Program Memory Size 64KB (64K x 8) Program Memory Type FLASH EEPROM Size 2K x 8 RAM Size 8K x 8 Voltage - Supply (Vcc/Vdd) 1.71 V ~ 5.5 V Data Converters A/D 2x12b, D/A 1x8b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 48-BSSOP (0.295", 7.50mm Width)	Peripherals	CapSense, DMA, LCD, POR, PWM, WDT
Program Memory Type EEPROM Size 2K x 8 RAM Size 8K x 8 Voltage - Supply (Vcc/Vdd) 1.71 V ~ 5.5 V Data Converters A/D 2x12b, D/A 1x8b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 48-BSSOP (0.295", 7.50mm Width)	Number of I/O	25
EEPROM Size 2K x 8 RAM Size 8K x 8 Voltage - Supply (Vcc/Vdd) 1.71 V ~ 5.5 V Data Converters A/D 2x12b, D/A 1x8b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 48-BSSOP (0.295", 7.50mm Width)	Program Memory Size	64KB (64K x 8)
RAM Size $8K \times 8$ Voltage - Supply (Vcc/Vdd) $1.71 \text{ V} \sim 5.5 \text{ V}$ Data Converters $A/D 2x12b$, $D/A 1x8b$ Oscillator Type Internal Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA) Mounting Type $-$ Package / Case 48-BSSOP (0.295", 7.50mm Width)	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd) 1.71 V \sim 5.5 V A/D 2x12b, D/A 1x8b Oscillator Type Internal Operating Temperature -40°C \sim 85°C (TA) Mounting Type - Package / Case 48-BSSOP (0.295", 7.50mm Width)	EEPROM Size	2K x 8
	RAM Size	8K x 8
Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 48-BSSOP (0.295", 7.50mm Width)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 5.5 V
Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 48-BSSOP (0.295", 7.50mm Width)	Data Converters	A/D 2x12b, D/A 1x8b
Mounting Type - Package / Case 48-BSSOP (0.295", 7.50mm Width)	Oscillator Type	Internal
Package / Case 48-BSSOP (0.295", 7.50mm Width)	Operating Temperature	-40°C ~ 85°C (TA)
	Mounting Type	-
Supplier Device Package 48-SSOP	Package / Case	48-BSSOP (0.295", 7.50mm Width)
	Supplier Device Package	48-SSOP
Report errors?		Report errors?

CY8C3446PVA-076 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.

CY8C3446PVA-076 Payment Methods



















CY8C3446PVA-076 Shipping Methods













If you have any question about CY8C3446PVA-076, please do not hesitate to contact us!

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