



CY8C3666PVI-057 Information



For Reference Only

Part Number CY8C3666PVI-057

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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CY8C3666PVI-057 Specifications

Manufacturer CY8C3666PVI-057 Manufacturer Cypress Semiconductor Corp Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 48-BSSOP (0.295", 7.50mm Width) Series PSOC? 3 CY8C36xx Core Processor 8051 Core Size 8-Bit Speed 67MHz 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 1x12b, D/A 4x8b Oscillator Type Internal	<u> </u>	
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Series PSOC? 3 CY8C36xx Core Processor 8051 Core Size 8-Bit Speed 67MHz 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 1x12b, D/A 4x8b Oscillator Type Internal		Embedded - Microcontrollers
Core Processor8051Core Size8-BitSpeed67MHzConnectivityEBI/EMI, 12C, LIN, SPI, UART/USART, USBPeripheralsCapSense, DMA, LCD, POR, PWM, WDTNumber of I/O25Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size2K x 8RAM Size8K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 5.5 VData ConvertersA/D 1x12b, D/A 4x8bOscillator TypeInternal	Package	48-BSSOP (0.295", 7.50mm Width)
Core Size Speed 67MHz 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 1x12b, D/A 4x8b Oscillator Type Internal	Series	PSOC? 3 CY8C36xx
Speed67MHzConnectivityEBI/EMI, I2C, LIN, SPI, UART/USART, USBPeripheralsCapSense, DMA, LCD, POR, PWM, WDTNumber of I/O25Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size2K x 8RAM Size8K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 5.5 VData ConvertersA/D 1x12b, D/A 4x8bOscillator TypeInternal	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 1x12b, D/A 4x8b Oscillator Type Internal	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 8K x 8 Voltage - Supply (Vcc/Vdd) 1.71 V ~ 5.5 V Data Converters A/D 1x12b, D/A 4x8b Oscillator Type Internal	Speed	67MHz
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 1x12b, D/A 4x8b Oscillator Type Internal	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 1x12b, D/A 4x8b Oscillator Type Internal	Peripherals	CapSense, DMA, LCD, POR, PWM, WDT
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 1x12b, D/A 4x8b Oscillator Type Internal	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 1x12b, D/A 4x8b Oscillator Type Internal	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 $A/D \times 12b$, $D/A \times 48b$ Oscillator Type Internal	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd) $1.71 \text{ V} \sim 5.5 \text{ V}$ Data Converters $A/D 1x12b, D/A 4x8b$ Oscillator Type Internal	EEPROM Size	2K x 8
Data Converters A/D 1x12b, D/A 4x8b Oscillator Type Internal	RAM Size	8K x 8
Oscillator Type Internal	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 5.5 V
**	Data Converters	A/D 1x12b, D/A 4x8b
Operating Temporature 400C 950C (TA)	Oscillator Type	Internal
Operating Temperature -40 C ~ 85 C (TA)	Operating Temperature	-40°C ~ 85°C (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?

CY8C3666PVI-057 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.

CY8C3666PVI-057 Payment Methods



















CY8C3666PVI-057 Shipping Methods













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