

CY8C3246LTI-149T

CY8C3246LTI-149T Information



Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



CY8C3246LTI-149T Specifications

ManufacturerCypress Semiconductor CorpCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage68-VFQFN Exposed PadSeriesPSOC? 3 CY8C32xxCore Processor8051Core Size8-BitSpeed50MHzConnectivityEBI/EMI, 12C, LIN, SPI, UART/USARTPeripheralsCapSense, DMA, LCD, POR, PWM, WDTNumber of I/O38Program Memory Size64KB (64K x 8)PEPROM SizeZx x 8RAM SizeSK x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 5.5 VData ConvertersA/D 1x12b, D/A 1x8bOscillator TypeInternalOperating Temperature440° ~ 85°C (TA)Package / Case68-VFQFN Exposed Pad		
Artispical Circuits (ICs) Integrated Circuits (ICs) Embedded - Microcontrollers Package 68-VFQFN Exposed Pad Series PSOC? 3 CY8C32xx Core Processor 8051 Core Size 8-Bit Speed 50MHz Connectivity EBI/EMI, 12C, LIN, SPI, UART/USART Peripherals CapSense, DMA, LCD, POR, PWM, WDT Number of I/O 38 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 1x8b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Package / Case 68-VFQFN Exposed Pad Supplier Device Package 68-QFN (8x8)	Manufacturer Part Number	CY8C3246LTI-149T
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SeriesPSOC' 3 CY8C32xxCore Processor8051Core Size8-BitSpeed50MHzConnectivityEBI/EMI, I2C, LIN, SPI, UART/USARTPeripheralsCapSense, DMA, LCD, POR, PWM, WDTNumber of I/O38Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size2K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 5.5 VData ConvertersA/D 1x12b, D/A 1x8bOscillator Type-Package / Case68-VFQFN Exposed PadSupplier Device Package68-QFN (8x8)		Embedded - Microcontrollers
Core Processor8051Core Size8-BitSpeed50MHzConnectivityEBI/EMI, I2C, LIN, SPI, UART/USARTPeripheralsCapSense, DMA, LCD, POR, PWM, WDTNumber of I/O38Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size2K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 5.5 VData ConvertersA/D 1x12b, D/A 1x8bOscillator Type-Program Temperature-Program Generature68-VFQFN Exposed PadSupplier Device Package68-QFN (8x8)	Package	68-VFQFN Exposed Pad
Core Size8-BitSpeed50MHzConnectivityEBI/EMI, I2C, LIN, SPI, UART/USARTPeripheralsCapSense, DMA, LCD, POR, PWM, WDTNumber of I/O38Program 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 1x8bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case68-VFQFN Exposed PadSupplier Device Package68-QFN (8x8)	Series	PSOC? 3 CY8C32xx
Speed50MHzConnectivityEBI/EMI, I2C, LIN, SPI, UART/USARTPeripheralsCapSense, DMA, LCD, POR, PWM, WDTNumber of I/O38Program 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 1x8bOscillator Type-40°C ~ 85°C (TA)Mounting Type-Package / Case68-VFQFN Exposed PadSupplier Device Package68-QFN (8x8)	Core Processor	8051
Connectivity EBI/EMI, I2C, LIN, SPI, UART/USART Peripherals CapSense, DMA, LCD, POR, PWM, WDT Number of I/O 38 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 1x8b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Package / Case 68-VFQFN Exposed Pad Supplier Device Package 68-QFN (8x8)	Core Size	8-Bit
Peripherals CapSense, DMA, LCD, POR, PWM, WDT Number of I/O 38 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 1x8b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Package / Case 68-VFQFN Exposed Pad Supplier Device Package 68-QFN (8x8)	Speed	50MHz
Number of I/O38Program 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 1x8bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case68-VFQFN Exposed PadSupplier Device Package68-QFN (8x8)	Connectivity	EBI/EMI, I2C, LIN, SPI, UART/USART
Program 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 1x8bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case68-VFQFN Exposed PadSupplier Device Package68-QFN (8x8)	Peripherals	CapSense, DMA, LCD, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size2K x 8RAM Size8K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 5.5 VData ConvertersA/D 1x12b, D/A 1x8bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case68-VFQFN Exposed PadSupplier Device Package68-QFN (8x8)	Number of I/O	38
EEPROM Size2K x 8RAM Size8K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 5.5 VData ConvertersA/D 1x12b, D/A 1x8bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case68-VFQFN Exposed PadSupplier Device Package68-QFN (8x8)	Program Memory Size	64KB (64K x 8)
RAM Size8K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 5.5 VData ConvertersA/D 1x12b, D/A 1x8bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case68-VFQFN Exposed PadSupplier Device Package68-QFN (8x8)	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)1.71 V ~ 5.5 VData ConvertersA/D 1x12b, D/A 1x8bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case68-VFQFN Exposed PadSupplier Device Package68-QFN (8x8)	EEPROM Size	2K x 8
Data ConvertersA/D 1x12b, D/A 1x8bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case68-VFQFN Exposed PadSupplier Device Package68-QFN (8x8)	RAM Size	8K x 8
Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case68-VFQFN Exposed PadSupplier Device Package68-QFN (8x8)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 5.5 V
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case68-VFQFN Exposed PadSupplier Device Package68-QFN (8x8)	Data Converters	A/D 1x12b, D/A 1x8b
Mounting Type - Package / Case 68-VFQFN Exposed Pad Supplier Device Package 68-QFN (8x8)	Oscillator Type	Internal
Package / Case68-VFQFN Exposed PadSupplier Device Package68-QFN (8x8)	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 68-QFN (8x8)	Mounting Type	-
	Package / Case	68-VFQFN Exposed Pad
Report errors?	Supplier Device Package	68-QFN (8x8)
		Report errors?

CY8C3246LTI-149T 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 EUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

DISCOVER

CY8C3246LTI-149T Payment Methods



CY8C3246LTI-149T Shipping Methods



If you have any question about CY8C3246LTI-149T, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com