

# CY8C4124PVI-432T

### CY8C4124PVI-432T Information

Annana and a sub-	 CY8C4124PVI-432T Cypress Semiconductor Corp Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 32BIT 16KB FLASH 28SSOP 28-SSOP (0.209", 5.30mm Width) For the pricing/inventory/lead time, please contact us	
For Reference Only	Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

## **Certified Quality**

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## CY8C4124PVI-432T Specifications

Manufacturer Part Number CY8C4124PVI-432T   Manufacturer Cypress Semiconductor Corp   Category Integrated Circuits (ICs)   Embedded - Microcontrollers Embedded - Microcontrollers   Package 28-SSOP (0.209", 5.30mm Width)   Series PSOC? 4 CY8C41xx   Core Processor ARM? Cortex?-M0   Core Size 32-Bit   Speed 24MHz   Connectivity Cyc. IrDA, LIN, Microwire, SmartCard, SPI, SSP, UART/USART   Number of I/O 24   Program Memory Size IoKB (I6K x 8)   Program Memory Type FLASH   EEPROM Size -   Nulae - Supply (Vcc/Vdd) 1.71 V ~ 5.5 V   Data Converters A/D 8x12b   Oscillator Type Internal   Operating Temperature -40°C ~ 85°C (TA)   Mounting Type -   Package / Case 28-SSOP (0.209", 5.30mm Width)				
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage28-SSOP (0.209", 5.30mm Width)SeriesPSOC? 4 CY8C41xxCore ProcessorARM? Cortex?-M0Core Size32-BitSpeed24MHzConnectivityI2C, IrDA, LIN, Microwire, SmartCard, SPI, SSP, UART/USARTPeripheralsBrown-out Detect/Reset, LVD, POR, PWM, WDTNumber of I/O24Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size4K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 5.5 VData ConvertersA/D 8x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)	Manufacturer Part Number	CY8C4124PVI-432T		
Embedded - MicrocontrollersPackage28-SSOP (0.209", 5.30mm Width)SeriesPSOC? 4 CY8C41xxCore ProcessorARM? Cortex?-M0Core Size32-BitSpeed24MHzConnectivityI2C, IrDA, LIN, Microwire, SmartCard, SPI, SSP, UART/USARTPeripheralsBrown-out Detect/Reset, LVD, POR, PWM, WDTNumber of I/O24Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size4K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 5.5 VData ConvertersA/D 8x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Manufacturer	Cypress Semiconductor Corp		
Package28-SSOP (0.209", 5.30mm Width)SeriesPSOC? 4 CY8C41xxCore ProcessorARM? Cortex?-M0Core Size32-BitSpeed24MHzConnectivityI2C, IrDA, LIN, Microwire, SmartCard, SPI, SSP, UART/USARTPeripheralsBrown-out Detect/Reset, LVD, POR, PWM, WDTNumber of I/O24Program Memory SizeI6KB (16K x 8)Program Memory TypeFLASHEEPROM Size-Voltage - Supply (Vcc/Vdd)1.71 V ~ 5.5 VData ConvertersA/D 8x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type2.Package / Case28-SSOP (0.209", 5.30mm Width)	Category	Integrated Circuits (ICs)		
SeriesPSOC? 4 CY8C41xxCore ProcessorARM? Cortex?-M0Core Size32-BitSpeed24MHzConnectivityI2C, IrDA, LIN, Microwire, SmartCard, SPI, SSP, UART/USARTPeripheralsBrown-out Detect/Reset, LVD, POR, PWM, WDTNumber of I/O24Program Memory SizeI6KB (16K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size4K x 8Voltage - Supply (Vcc/Vdd)1/1 V ~ 5.5 VData ConvertersAD 8x12bOscillator TypeInternalOperating Temperature-Au%C ~ 85°C (TA)Mounting Type28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP		Embedded - Microcontrollers		
Core ProcessorARM? Cortex?-M0Core Size32-BitSpeed24MHzConnectivityIC, IrDA, LIN, Microwire, SmartCard, SPI, SSP, UART/USARTPeripheralsBrown-out Detect/Reset, LVD, POR, PWM, WDTNumber of I/O24Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size-Voltage - Supply (Vcc/Vdd)1,71 V ~ 5.5 VOscillator TypeMenalOperating TemperatureA0°C ~ 85°C (TA)Mounting Type2Package / Case8-SSOP(0.209", 5.30mm Width)	Package	28-SSOP (0.209", 5.30mm Width)		
Core Size32-BitSpeed24MHzConnectivityI2C, IrDA, LIN, Microwire, SmartCard, SPI, SSP, UART/USARTPeripheralsBrown-out Detect/Reset, LVD, POR, PWM, WDTNumber of I/O24Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size4K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 5.5 VData ConvertersA/D 8x12bOscillator TypeInternalQuerting Temperature-40°C ~ 85°C (TA)Mounting Type2.Sackage / Case28-SSOP (0.209", 5.30mm Width)	Series	PSOC? 4 CY8C41xx		
Speed24MHzConnectivityI2C, IrDA, LIN, Microwire, SmartCard, SPI, SSP, UART/USARTPeripheralsBrown-out Detect/Reset, LVD, POR, PWM, WDTNumber of I/O24Program Memory SizeI6KB (16K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size4K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 5.5 VData ConvertersA/D 8x12bOscillator TypeInternalQuerting Temperature-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package88-SSOP	Core Processor	ARM? Cortex?-M0		
ConnectivityI2C, IrDA, LIN, Microwire, SmartCard, SPI, SSP, UART/USARTPeripheralsBrown-out Detect/Reset, LVD, POR, PWM, WDTNumber of I/O24Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size4K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 5.5 VData ConvertersA/D 8x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Core Size	32-Bit		
PeripheralsBrown-out Detect/Reset, LVD, POR, PWM, WDTNumber of I/O24Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size4K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 5.5 VData ConvertersA/D 8x12bOscillator Type-Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Speed	24MHz		
Number of I/O 24   Program Memory Size 16KB (16K x 8)   Program Memory Type FLASH   EEPROM Size -   RAM Size 4K x 8   Voltage - Supply (Vcc/Vdd) 1.71 V ~ 5.5 V   Data Converters A/D 8x12b   Oscillator Type -40°C ~ 85°C (TA)   Portaring Type -   Package / Case 28-SSOP (0.209", 5.30mm Width)   Supplier Device Package 28-SSOP	Connectivity	I2C, IrDA, LIN, Microwire, SmartCard, SPI, SSP, UART/USART		
Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size4K x 8Voltage - Supply (Vcc/Vd)1.71 V ~ 5.5 VData ConvertersA/D 8x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT		
Program Memory TypeFLASHEEPROM Size-RAM Size4K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 5.5 VData ConvertersA/D 8x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Number of I/O	24		
EEPROM Size-RAM Size4K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 5.5 VData ConvertersA/D 8x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Program Memory Size	16KB (16K x 8)		
RAM Size4K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 5.5 VData ConvertersA/D 8x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Program Memory Type	FLASH		
Voltage - Supply (Vcc/Vdd)1.71 V ~ 5.5 VData ConvertersA/D 8x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	EEPROM Size	-		
Data ConvertersA/D 8x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	RAM Size	4K x 8		
Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 5.5 V		
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Data Converters	A/D 8x12b		
Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Oscillator Type	Internal		
Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Operating Temperature	-40°C ~ 85°C (TA)		
Supplier Device Package 28-SSOP	Mounting Type	-		
	Package / Case	28-SSOP (0.209", 5.30mm Width)		
	Supplier Device Package	28-SSOP		
Report errors			Report errors?	

### CY8C4124PVI-432T 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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