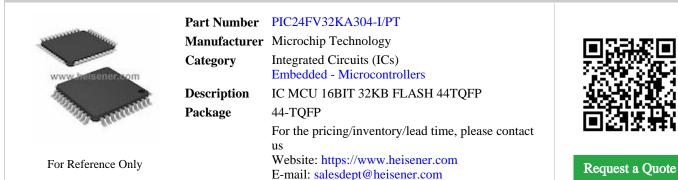


PIC24FV32KA304-I/PT

PIC24FV32KA304-I/PT 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.



PIC24FV32KA304-I/PT Specifications

Manufacturer Microchip Technology Manufacturer Microchip Technology Manufacturer Integrated Circuits (ICs) Embedded - Microcontrollers 44-TQFP Package 44-TQFP Series PIC Core Processor PIC Core Size 16-Bit Speed 32MHz Connectivity IC, IrDA, LIN, SPI, UART/USART Peripherals Brown-out Detect/Reset, HLVD, POR, PWM, WDT Number of I/O 38 Program Memory Size 512 x 8 RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 5.5 V Data Converters A/D 16x12b Operating Temperature 4.0°C ~ 85°C (TA) Mounting Type - Package / Case 44-TQFP Supplier Device Package 44-TQFP			
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage44-TQFPSeriesPIC? XLP? 24FCore ProcessorPICCore Size16-BitSpeed32MHzConnectivityI2C, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTNumber of I/O38Program Memory Size512 x 8EEPROM Size512 x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 5.5 VData ConvertersA/D 16x12bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-TQFP (10x10)	Manufacturer Part Number	PIC24FV32KA304-I/PT	
Indecide - MicrocontrollersPackage44-TQFPSeriesPIC? XLP? 24FCore ProcessorPICCore Size16-BitSpeed32MHzConnectivityI2C, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTNumber of I/O38Program Memory Size512 x 8EEPROM SizeS12 x 8Voltage - Supply (Vcc/Vdd)2V ~ 5.5 VData ConvertersA/D 16x12bOperating Temperature-Package / Case44-TQFPSupplier Device Package44-TQFP (10x10)	Manufacturer	Microchip Technology	
Package44-TQFPSeriesPIC? XLP? 24FCore ProcessorPICCore Size16-BitSpeed32MHzConnetivityI2C, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTNumber of I/O38Program Memory Size32KB (11K x 24)Program Memory TypeFLASHEEPROM Size512 x 8Voltage - Supply (Vcc/Vdd)2 V ~ 5.5 VData ConvertersA/D 16x12bOperating Temperature40°C ~ 85°C (TA)Mounting Type-Package / Case44-TQFP (10x10)	Category	Integrated Circuits (ICs)	
SeriesPIC? XLP? 24FCore ProcessorPICCore Size16-BitSpeed32MHzConnectivity12C, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTNumber of I/O38Program Memory Size2KB (11K x 24)Program Memory TypeFLASHEEPROM Size21X x 8Voltage - Supply (Vcc/Vdd)2V ~ 5.5 VData ConvertersAD 16x12bOperating Temperature40°C ~ 85°C (TA)Program Grape44*UGFP (0x10)		Embedded - Microcontrollers	
Core ProcessorPICCore Size16-BitSpeed32MHzConnectivityICC, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTNumber of I/O38Program Memory Size32KB (11K x 24)Program Memory TypeFLASHEEPROM Size512 x 8Voltage - Supply (Vcc/Vdd)2 V ~ 5.5 VData ConvertersA/D 16x12bOperating Temperature-0°C ~ 85°C (TA)Program (Type-Package / Case44-TQFP (10x10)	Package	44-TQFP	
Core Size16-BitSpeed32MHzConnectivityI2C, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTNumber of I/O38Program Memory Size32KB (11K x 24)Program Memory TypeFLASHEEPROM Size512 x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 5.5 VData ConvertersA/D 16x12bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-TQFP (10x10)	Series	PIC? XLP? 24F	
Speed32MHzConnectivityI2C, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTNumber of I/O38Program Memory Size32KB (11K x 24)Program Memory TypeFLASHEEPROM Size512 x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 5.5 VData ConvertersA/D 16x12bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-TQFP (10x10)	Core Processor	PIC	
ConnectivityI2C, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTNumber of I/O38Program Memory Size32KB (11K x 24)Program Memory TypeFLASHEEPROM Size512 x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 5.5 VData ConvertersA/D 16x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-TQFP (10x10)	Core Size	16-Bit	
PeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTNumber of I/O38Program Memory Size32KB (11K x 24)Program Memory TypeFLASHEEPROM Size512 x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 5.5 VData ConvertersA/D 16x12bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-TQFP (10x10)	Speed	32MHz	
Number of I/O 38 Program Memory Size 32KB (11K x 24) Program Memory Type FLASH EEPROM Size 512 x 8 RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 5.5 V Data Converters A/D 16x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 44-TQFP (10x10)	Connectivity	I2C, IrDA, LIN, SPI, UART/USART	
Program Memory Size32KB (11K x 24)Program Memory TypeFLASHEEPROM Size512 x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 5.5 VData ConvertersA/D 16x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-TQFP (10x10)	Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	
Program Memory TypeFLASHEEPROM Size512 x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 5.5 VData ConvertersA/D 16x12bDoscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-TQFP (10x10)	Number of I/O	38	
EEPROM Size512 x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 5.5 VData ConvertersA/D 16x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-TQFPSupplier Device Package44-TQFP (10x10)	Program Memory Size	32KB (11K x 24)	
RAM Size2K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 5.5 VData ConvertersA/D 16x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-TQFPSupplier Device Package44-TQFP (10x10)	Program Memory Type	FLASH	
Voltage - Supply (Vcc/Vdd)2 V ~ 5.5 VData ConvertersA/D 16x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-TQFPSupplier Device Package44-TQFP (10x10)	EEPROM Size	512 x 8	
Data ConvertersA/D 16x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-TQFPSupplier Device Package44-TQFP (10x10)	RAM Size	2K x 8	
Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-TQFPSupplier Device Package44-TQFP (10x10)	Voltage - Supply (Vcc/Vdd)	2 V ~ 5.5 V	
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-TQFPSupplier Device Package44-TQFP (10x10)	Data Converters	A/D 16x12b	
Mounting Type-Package / Case44-TQFPSupplier Device Package44-TQFP (10x10)	Oscillator Type	Internal	
Package / Case44-TQFPSupplier Device Package44-TQFP (10x10)	Operating Temperature	-40°C ~ 85°C (TA)	
Supplier Device Package44-TQFP (10x10)	Mounting Type	-	
	Package / Case	44-TQFP	
Report errors?	Supplier Device Package	44-TQFP (10x10)	
1			Report errors?

PIC24FV32KA304-I/PT 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.

DISCOVER

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PIC24FV32KA304-I/PT Shipping Methods



If you have any question about PIC24FV32KA304-I/PT, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com