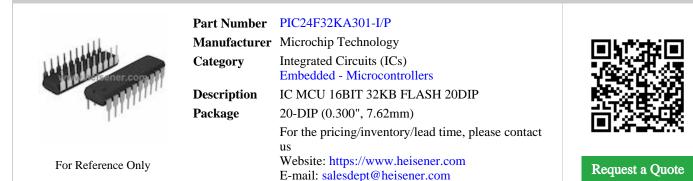


PIC24F32KA301-I/P

PIC24F32KA301-I/P 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.



PIC24F32KA301-I/P Specifications

ManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage20-DIP (0.300", 7.62mm)SeriesPIC? XLP? 24FCore ProcessorPICCore Size16-BitSpeed32MHzConnectivityICC, IrDA, LIN, SPI, UART/USARTPorgram Memory Size32KB (11K x 24)Program Memory TypeFLASHEEPROM Size512 x 8RAM SizeSX x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersAD 12x12bOperating Temperature-40°C ~ 85°C (TA)Munuting Type-Package / Case30-DIP (0.300", 7.62mm)		
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage20-DIP (0.300", 7.62mm)Package20-DIP (0.300", 7.62mm)SeriesPIC? XLP? 24FCore ProcessorPICCore Size16-BitSpeed32MHzConnectivityI2C, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTNumber of I/O18Program Memory Size32KB (11K x 24)Program Memory TypeFLASHEEPROM Size512 x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-DIP	Manufacturer Part Number	PIC24F32KA301-I/P
Embedded - MicrocontrollersPackage20-DIP (0.300", 7.62mm)SeriesPIC? XLP? 24FCore ProcessorPICCore Size16-BitSpeed32MHzConcectivityI2C, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTNumber of I/O18Program Memory Size52KB (11K x 24)Program Memory TypeFLASHEEPROM Size512 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x12bOscillator TypeInternalOperating Temperature40°C ~ 85°C (TA)Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Manufacturer	Microchip Technology
Package20-DIP (0.300", 7.62mm)SeriesPIC? XLP? 24FCore ProcessorPICCore Size16-BitSpeed32MHzConnecivityI2C, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTNumber of I/O18Program Memory Size52KB (11K x 24)Program Memory TypeFLASHEEPROM Size512 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x12bOscillator TypeInternalOperating Temperature40°C ~ 85°C (TA)Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package0-DIP (0.300", 7.62mm)	Category	Integrated Circuits (ICs)
SeriesPIC? XLP? 24FCore ProcessorPICCore Size16-BitSpeed32MHzConnectivity12C, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTNumber of I/O18Program Memory Size32KB (11K x 24)Program Memory TypeFLASHEEPROM Size512 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case02-DDIP (0.300", 7.62mm)Supplier Device Package02-DDIP		Embedded - Microcontrollers
Core ProcessorPICCore Size16-BitSpeed32MHzConnectivityI2C, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTNumber of I/O18Program Memory Size32KB (11K x 24)Program Memory TypeFLASHEEPROM Size512 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x12bOscillator Type-Poreating Temperature-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Package	20-DIP (0.300", 7.62mm)
International Construction International Construction Speed 32MHz Connectivity I2C, IrDA, LIN, SPI, UART/USART Peripherals Brown-out Detect/Reset, HLVD, POR, PWM, WDT Number of I/O 18 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) 1.8 V ~ 3.6 V Data Converters A/D 12x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 20-DIP (0.300", 7.62mm) Supplier Device Package 20-PDIP	Series	PIC? XLP? 24F
Speed32MHzConnectivityI2C, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTNumber of I/O18Program Memory Size32KB (11K x 24)Program Memory TypeFLASHEEPROM Size512 x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x12bOscillator Type-40°C ~ 85°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Core Processor	PIC
ConnectivityI2C, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTNumber of I/O18Program Memory Size32KB (11K x 24)Program Memory TypeFLASHEEPROM Size512 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Core Size	16-Bit
PeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTNumber of I/O18Program Memory Size32KB (11K x 24)Program Memory TypeFLASHEEPROM Size512 x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x12bOscillator Type-40°C ~ 85°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Speed	32MHz
Number of I/O18Program Memory Size32KB (11K x 24)Program Memory TypeFLASHEEPROM Size512 x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	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)1.8 V ~ 3.6 VData ConvertersA/D 12x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size512 x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Number of I/O	18
EEPROM Size512 x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Program Memory Size	32KB (11K x 24)
RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	EEPROM Size	512 x 8
Data ConvertersA/D 12x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	RAM Size	2K x 8
Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Data Converters	A/D 12x12b
Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Oscillator Type	Internal
Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 20-PDIP	Mounting Type	-
	Package / Case	20-DIP (0.300", 7.62mm)
Report errors?	Supplier Device Package	20-PDIP
		Report errors?

PIC24F32KA301-I/P 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 BUARANTEE

Service Guarantees

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

DISCOVER

PIC24F32KA301-I/P Payment Methods



PIC24F32KA301-I/P Shipping Methods



If you have any question about PIC24F32KA301-I/P, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com