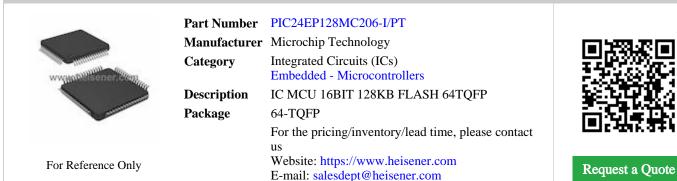


PIC24EP128MC206-I/PT

PIC24EP128MC206-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.



PIC24EP128MC206-I/PT Specifications

ManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage64-TQFPSeriesPIC? 24EPCore Processor16-BitSpedd70 MIPsConnectivity12C, IrDA, LIN, QEI, SPI, UART/USARTNumber of I/O53Program Memory Size128KB (43K x 24)Program Memory TypeFLASHEEPROM Size3V ~ 3.6 VNutage - Supply (Vcc/Vdd)3V ~ 3.6 VData ConvertersAD 16x10b/12bOperating Temperature40°C ~ 85°C (TA)Mounting Type64-TQFPPackage / Case64-TQFPPackage / Case64-TQFPPackage / Case64-TQFP			
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage64-TQFPSeriesPIC? 24EPCore ProcessorPICCore Size16-BitSpeed70 MIPsConnectivityI2C, IrDA, LIN, QEI, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDTNumber of I/O53Program Memory Size128KB (43K x 24)Program Memory TypeFLASHEEPROM Size-RAM SizeSK x 16Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 16x10b/12bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-TQFP (10x10)	Manufacturer Part Number	PIC24EP128MC206-I/PT	
Embedded - MicrocontrollersPackage64-TQFPSeriesPIC? 24EPCore ProcessorPICCore Size16-BitSpeed70 MIPsConnectivityI2C, IrDA, LIN, QEI, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDTSyned rol I/O53Program Memory Size128KB (43K x 24)Program Memory TypeFLASHEEPROM Size-RAM Size8K x 16Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 16x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case64-TQFP (10x10)	Manufacturer	Microchip Technology	
Package64-TQFPSeriesPIC? 24EPCore ProcessorPICCore Size16-BitSpeed70 MIPsConcetivityI2C, IrDA, LIN, QEI, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDTNumber of I/O53Program Memory Size128KB (43K x 24)Program Memory TypeFLASHEEPROM Size-Nutage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 16x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case64-TQFP (10x10)	Category	Integrated Circuits (ICs)	
SeriesPIC? 24EPCore ProcessorPICCore Size16-BitSpeed70 MIPsConnectivity12C, IrDA, LIN, QEI, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDTSa53Program Memory Size128KB (43K x 24)Program Memory TypeFLASHEEPROM Size-RAM Size8K x 16Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 16x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case64-TQFP (10x10)		Embedded - Microcontrollers	
Core ProcessorPICCore Size16-BitSpeed70 MIPsConnectivityI2C, IrDA, LIN, QEI, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDTSumber of I/O53Program Memory Size128KB (43K x 24)Program Memory TypeFLASHEEPROM Size-RAM Size8K x 16Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 16x10b/12bOscillator TypeInternalOperating Temperature-Package / Case64-TQFPSupplier Device Package64-TQFP (10x10)	Package	64-TQFP	
Core Size16-BitSpeed70 MIPsConnectivityI2C, IrDA, LIN, QEI, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDTNumber of I/O53Program Memory Size128KB (43K x 24)Program Memory TypeFLASHEEPROM Size-RAM Size8K x 16Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 16x10b/12bOscillator TypeInternalOperating Temperature40°C ~ 85°C (TA)Mounting Type-Package / Case64-TQFP (10x10)	Series	PIC? 24EP	
Speed70 MIPsConnectivityI2C, IrDA, LIN, QEI, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDTNumber of I/O53Program Memory Size128KB (43K x 24)Program Memory TypeFLASHEEPROM Size-RAM Size8K x 16Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 16x10b/12bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-TQFP (10x10)	Core Processor	PIC	
ConnectivityI2C, IrDA, LIN, QEI, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDTNumber of I/O53Program Memory Size128KB (43K x 24)Program Memory TypeFLASHEEPROM Size-RAM Size8K x 16Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 16x10b/12bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-TQFP (10x10)	Core Size	16-Bit	
PeripheralsBrown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDTNumber of I/O53Program Memory Size128KB (43K x 24)Program Memory TypeFLASHEEPROM Size-RAM Size8K x 16Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 16x10b/12bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-TQFP (10x10)	Speed	70 MIPs	
Number of I/O53Program Memory Size128KB (43K x 24)Program Memory TypeFLASHEEPROM Size-RAM Size8K x 16Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 16x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-TQFP (10x10)	Connectivity	I2C, IrDA, LIN, QEI, SPI, UART/USART	
Program Memory Size128KB (43K x 24)Program Memory TypeFLASHEEPROM Size-RAM Size8K x 16Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 16x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-TQFP (10x10)	Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT	
Program Memory TypeFLASHEEPROM Size-RAM Size8K x 16Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 16x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-TQFP (10x10)	Number of I/O	53	
EEPROM Size-RAM Size8K x 16Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 16x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-TQFP (10x10)	Program Memory Size	128KB (43K x 24)	
RAM Size8K x 16Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 16x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-TQFPSupplier Device Package64-TQFP (10x10)	Program Memory Type	FLASH	
Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 16x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-TQFPSupplier Device Package64-TQFP (10x10)	EEPROM Size	-	
Data ConvertersA/D 16x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-TQFPSupplier Device Package64-TQFP (10x10)	RAM Size	8K x 16	
Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-TQFPSupplier Device Package64-TQFP (10x10)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V	
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-TQFPSupplier Device Package64-TQFP (10x10)	Data Converters	A/D 16x10b/12b	
Mounting Type-Package / Case64-TQFPSupplier Device Package64-TQFP (10x10)	Oscillator Type	Internal	
Package / Case64-TQFPSupplier Device Package64-TQFP (10x10)	Operating Temperature	-40°C ~ 85°C (TA)	
Supplier Device Package64-TQFP (10x10)	Mounting Type	-	
	Package / Case	64-TQFP	
Report errors?	Supplier Device Package	64-TQFP (10x10)	
			Report errors?

PIC24EP128MC206-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 SUARANTEE

Service Guarantees

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

DISCOVER

PIC24EP128MC206-I/PT Payment Methods



PIC24EP128MC206-I/PT Shipping Methods



If you have any question about PIC24EP128MC206-I/PT, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com