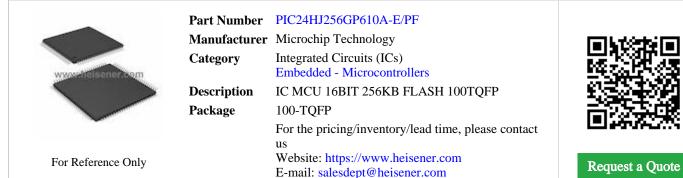


PIC24HJ256GP610A-E/PF Information



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.



PIC24HJ256GP610A-E/PF Specifications

Manufacturer Microchip Technology Manufacturer Microchip Technology Embedded Circuits (ICs) Embedded - Microcontrollers Package 100-TQFP Series PIC? 24H Core Processor PIC Core Size 16-Bit Speed 40 MIPs Connectivity CAN, 12C, IrDA, LIN, SPI, UART/USART Peripherals Brown-out Detect/Reset, DMA, POR, PWM, WDT Number of I/O 85 Program Memory Size 256KB (85.5K x 24) Program Memory Type FLASH EEPROM Size - RAM Size 16K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 3.6 V Data Converters A/D 32x10b/12b Operating Temperature -40°C ~ 125°C (TA) Mounting Type - Package / Case 100-TQFP		
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage100-TQFPSeriesPIC? 24HCore ProcessorPICCore Size16-BitSpeed40 MIPsConnectivityCAN, 12C, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O85Program Memory Size256KB (85.5K x 24)Pergram Memory TypeFLASHEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 32x10b/12bOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case100-TQFP (14x14)	Manufacturer Part Number	PIC24HJ256GP610A-E/PF
Embedded - Microcontrollers Package 100-TQFP Series PIC? 24H Core Processor PIC Core Size 16-Bit Speed 40 MIPs Connectivity CAN, 12C, IrDA, LIN, SPI, UART/USART Peripherals Brown-out Detect/Reset, DMA, POR, PWM, WDT Number of I/O 85 Program Memory Size 256KB (85.5K x 24) Program Memory Type FLASH EEPROM Size - RAM Size 16K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 3.6 V Data Converters A/D 32x10b/12b Operating Temperature -40°C ~ 125°C (TA) Package / Case 100-TQFP Supplier Device Package 100-TQFP	Manufacturer	Microchip Technology
Package100-TQFPSeriesPIC 24HCore ProcessorPICCore Size16-BitSpeed40 MIPsConnectivityCAN, 12C, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/OS5Program Memory Size266K (85.5K x 24)Program Memory TypeFLASHEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)3V ~ 3.6 VData ConvertersAID 32x10b/12bOperating Temperature-Package / Case100-TQFPSupplier Device Package100-TQFP (14x14)	Category	Integrated Circuits (ICs)
SeriesPIC? 2HCore ProcessorPICCore Size16-BitSpeed40 MIPsConnectivityCAN, I2C, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O85Program Memory Size256KB (85.5K x 24)Program Memory TypeFLASHEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 32x10b/12bOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case100-TQFP (14x14)		Embedded - Microcontrollers
Core ProcessorPICCore Size16-BitSpeed40 MIPsConnectivityCAN, 12C, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O85Program Memory Size256KB (85.5K x 24)Program Memory TypeFLASHEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 32x10b/12bOscillator Type-Operating Temperature-40°C ~ 125°C (TA)Prokage / Case100-TQFP (14x14)	Package	100-TQFP
Core Size16-BitSpeed40 MIPsConnectivityCAN, 12C, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O85Program Memory Size256KB (85.5K x 24)Program Memory TypeFLASHEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 32x10b/12bOperating Temperature-40°C ~ 125°C (TA)Mounting Type100-TQFPSupplier Device Package100-TQFP (14x14)	Series	PIC? 24H
Speed40 MIPsConnectivityCAN, 12C, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O85Program Memory Size256KB (85.5K x 24)Program Memory TypeFLASHEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 32x10b/12bOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case100-TQFP (14x14)	Core Processor	PIC
Connectivity CAN, I2C, IrDA, LIN, SPI, UART/USART Peripherals Brown-out Detect/Reset, DMA, POR, PWM, WDT Number of I/O 85 Program Memory Size 256KB (85.5K x 24) Program Memory Type FLASH EEPROM Size - RAM Size 16K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 3.6 V Data Converters A/D 32x10b/12b Oscillator Type Internal Operating Temperature -40°C ~ 125°C (TA) Package / Case 100-TQFP (14x14)	Core Size	16-Bit
PeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O85Program Memory Size256KB (85.5K x 24)Program Memory TypeFLASHEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 32x10b/12bOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case100-TQFP (14x14)	Speed	40 MIPs
Number of I/O 85 Program Memory Size 256KB (85.5K x 24) Program Memory Type FLASH EEPROM Size - RAM Size 16K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 3.6 V Data Converters A/D 32x10b/12b Oscillator Type Internal Operating Temperature -40°C ~ 125°C (TA) Package / Case 100-TQFP (14x14)	Connectivity	CAN, I2C, IrDA, LIN, SPI, UART/USART
Program Memory Size256KB (85.5K x 24)Program Memory TypeFLASHEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 32x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case100-TQFP (14x14)	Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 32x10b/12bDoscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case100-TQFPSupplier Device Package100-TQFP (14x14)	Number of I/O	85
EEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 32x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case100-TQFP (14x14)	Program Memory Size	256KB (85.5K x 24)
RAM Size16K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 32x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case100-TQFPSupplier Device Package100-TQFP (14x14)	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 32x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case100-TQFPSupplier Device Package100-TQFP (14x14)	EEPROM Size	-
Data ConvertersA/D 32x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case100-TQFPSupplier Device Package100-TQFP (14x14)	RAM Size	16K x 8
Oscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case100-TQFPSupplier Device Package100-TQFP (14x14)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Operating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case100-TQFPSupplier Device Package100-TQFP (14x14)	Data Converters	A/D 32x10b/12b
Mounting Type - Package / Case 100-TQFP Supplier Device Package 100-TQFP (14x14)	Oscillator Type	Internal
Package / Case100-TQFPSupplier Device Package100-TQFP (14x14)	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package100-TQFP (14x14)	Mounting Type	-
	Package / Case	100-TQFP
Report errors?	Supplier Device Package	100-TQFP (14x14)
		Report errors ⁶

PIC24HJ256GP610A-E/PF 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.

PIC24HJ256GP610A-E/PF Payment Methods



If you have any question about PIC24HJ256GP610A-E/PF, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com