

# PIC24F08KM202T-I/SO

## PIC24F08KM202T-I/SO Information



Part Number	PIC24F08KM202T-I/SO
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Description	IC MCU 16BIT 8KB FLASH 28SOIC
Package	28-SOIC (0.295", 7.50mm Width)
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com



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# PIC24F08KM202T-I/SO Specifications

Manufacturer Microchip Technology   Manufacturer Microchip Technology   Category Integrated Circuits (ICs)   Embedded - Microcontrollers Embedded - Microcontrollers   Package 28-SOIC (0.295", 7.50mm Width)   Series PIC? XLP? 24F   Core Processor PIC   Core Size 16-Bit   Speed 32MHz   Connectivity I2C, IrDA, LIN, SPI, UART/USART   Peripherals Brown-out Detect/Reset, LVD, POR, PWM, WDT   Number of I/O 24   Program Memory Size SKB (2.75K 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 19x10b/12b, D/A 2x8b   Oscillator Type Internal   Operating Temperature 40°C ~ 85°C (TA)   Mounting Type -   Package / Case 28-SOIC (0.295", 7.50mm Width)		
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Embedded - MicrocontrollersPackage28-SOIC (0.295", 7.50mm Width)SeriesPIC? XLP? 24FCore ProcessorPICCore Size16-BitSpeed32MHzConnectivityI2C, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, LVD, POR, PWM, WDTNumber of I/O24Program Memory Size8KB (2.75K x 24)Program Memory TypeFLASHEEPROM Size512 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 19x10b/12b, D/A 2x8bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type28-SOIC (0.295", 7.50mm Width)	Manufacturer	Microchip Technology
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SeriesPIC? XLP? 24FCore ProcessorPICCore Size16-BitSpeed32MHzConnectivityICC, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, LVD, POR, PWM, WDTNumber of I/O24Program Memory Size8KB (2.75K x 24)Program Memory TypeFLASHEEPROM Size512 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 19x10b/12b, D/A 2x8bOscillator Type-Prexage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package8-SOIC		Embedded - Microcontrollers
Pic   Core Size 16-Bit   Speed 32MHz   Connectivity 12C, IrDA, LIN, SPI, UART/USART   Peripherals Brown-out Detect/Reset, LVD, POR, PWM, WDT   Number of I/O 24   Program Memory Size 8KB (2.75K x 24)   Program Memory Type FLASH   EEPROM Size 512 x 8   Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V   Data Converters A/D 19x10b/12b, D/A 2x8b   Oscillator Type -   Mounting Type -   Package / Case 28-SOIC (0.295", 7.50mm Width)	Package	28-SOIC (0.295", 7.50mm Width)
Core Size16-BitSpeed32MHzConnectivityI2C, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, LVD, POR, PWM, WDTNumber of I/O24Program Memory Size8KB (2.75K x 24)Program Memory TypeFLASHEEPROM Size512 x 8RAM Size2K x 8Voltag - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 19x10b/12b, D/A 2x8bOscillator Type40°C ~ 85°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Series	PIC? XLP? 24F
Speed32MHzConnectivityIC, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, LVD, POR, PWM, WDTNumber of I/O24Program Memory Size8KB (2.75K x 24)Program Memory TypeFLASHEEPROM Size512 x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 19x10b/12b, D/A 2x8bOscillator Type-40°C ~ 85°C (TA)Mounting Type-Package / Case88-SOIC (0.295", 7.50mm Width)	Core Processor	PIC
Connectivity I2C, IrDA, LIN, SPI, UART/USART   Peripherals Brown-out Detect/Reset, LVD, POR, PWM, WDT   Number of I/O 24   Program Memory Size 8KB (2.75K x 24)   Program Memory Type FLASH   EEPROM Size 512 x 8   Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V   Data Converters A/D 19x10b/12b, D/A 2x8b   Oscillator Type -   Pograting Temperature -40°C ~ 85°C (TA)   Mounting Type -   Package / Case 28-SOIC (0.295", 7.50mm Width)	Core Size	16-Bit
PeripheralsBrown-out Detect/Reset, LVD, POR, PWM, WDTNumber of I/O24Program Memory Size8KB (2.75K x 24)Program Memory TypeFLASHEEPROM Size512 x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 19x10b/12b, D/A 2x8bOscillator Type-Poperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Speed	32MHz
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Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Data Converters	A/D 19x10b/12b, D/A 2x8b
Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Oscillator Type	Internal
Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 28-SOIC	Mounting Type	-
	Package / Case	28-SOIC (0.295", 7.50mm Width)
Report errors?	Supplier Device Package	28-SOIC
		Report errors?

### PIC24F08KM202T-I/SO 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.



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DISCOVER

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