

# PIC18F8722-E/PT

#### PIC18F8722-E/PT Information

www.heisener.com	PIC18F8722-E/PT Microchip Technology Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 8BIT 128KB FLASH 80TQFP 80-TQFP For the pricing/inventory/lead time, please contact	
For Reference Only	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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### PIC18F8722-E/PT Specifications

ManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage80-TQFPSeriesPIC? 18FCore ProcessorPICCore Size8-BitSpeed25MHzConnectivityEBI/EMI, I2C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTProgram Memory Size128KB (64K x 16)Program Memory TypeFLASHEEPROM Size3.8K x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 16x10bDerating Temperature-40°C ~ 125°C (TA)Advonting Type-Package / Case80-TQFP		
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage80-TQFPSeriesPIC? 18FCore ProcessorPICCore Size8-BitSeped25MHzConnectivityEBI/EMI, 12C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTPorgram Memory Size128KB (64K x 16)Program Memory TypeFLASHEEPROM Size3.8K x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 16x10bDorerting Temperature-40°C ~ 125°C (TA)Dackage / Case80-TQFPSupplier Device Package80-TQFP (12x12)	Manufacturer Part Number	PIC18F8722-E/PT
Enbedded - Microcontrollers       Package     80-TQFP       Series     PIC? 18F       Core Processor     PIC       Speed     25MHz       Connectivity     EBI/EMI, 12C, SPI, UART/USART       Peripherals     Brown-out Detect/Reset, HLVD, POR, PWM, WDT       Vumber of I/O     70       Program Memory Size     128KB (64K x 16)       Program Memory Type     FLASH       Start     3.8K x 8       Voltage - Supply (Vcc/Vdd)     4.2 V ~ 5.5 V       Data Converters     A/D 16x10b       Dereting Temperature     -40°C ~ 125°C (TA)       Operating Temperature     80-TQFP       Package / Case     80-TQFP (12x12)	Manufacturer	Microchip Technology
Package80-TQFPSeriesPIC? 18FCore ProcessorPICCore Size8-BitSpeed25MHzConnetivityEBI/EMI, 12C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTProgram Memory Size128KB (64K x 16)Program Memory TypeFLASHEEPROM Size3.8K x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 16x10bDerating Temperature-40°C ~ 125°C (TA)Operating Temperatures80-TQFPPackage / Case80-TQFP (12x12)	Category	Integrated Circuits (ICs)
Series     PIC 18F       Core Processor     PIC       Core Size     8-Bit       Speed     25MHz       Connectivity     EBI/EMI, 12C, SPI, UART/USART       Peripherals     Brown-out Detect/Reset, HLVD, POR, PWM, WDT       Peripherals     128KB (64K x 16)       Program Memory Size     128KB (64K x 16)       Program Memory Type     FLASH       SEPROM Size     3.8K x 8       Voltage - Supply (Vcc/Vdd)     4.2 V ~ 5.5 V       Data Converters     A/D 16x10b       Derating Temperature     -40°C ~ 125°C (TA)       Mounting Type     -       Package / Case     80-TQFP (12x12)		Embedded - Microcontrollers
Core ProcessorPICCore Size8-BitSpeed25MHzConnectivityEBI/EMI, I2C, SPI, UART/USARTConnectivityBrown-out Detect/Reset, HLVD, POR, PWM, WDTPeripherals70Program Memory Size128KB (64K x 16)Program Memory TypeFLASHEEPROM Size3.8K x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 16x10bOperating Temperature4.0°C ~ 125°C (TA)Program Generature8.9TQFPProgram Supple Device Package80-7QFP (12x12)	Package	80-TQFP
Core Size8-BitSpeed25MHzConnectivityEBI/EMI, I2C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTNumber of I/O70Program Memory Size128KB (64K x 16)Program Memory TypeFLASHBEPROM Size15K x 8AM Size3.8K x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersInternalDerating Temperature44°C ~ 125°C (TA)Package / Case80-TQFP (12x12)	Series	PIC? 18F
Speed25MHzConnectivityEBI/EMI, 12C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTNumber of I/O70Program Memory Size128KB (64K x 16)Program Memory TypeFLASHEEPROM Size1K x 8AM Size3.8K x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 16x10bDerating Temperature-40°C ~ 125°C (TA)Operating Temperature6.0 TQFPPackage / Case80-TQFP (12x12)	Core Processor	PIC
Connectivity     EBI/EMI, I2C, SPI, UART/USART       Peripherals     Brown-out Detect/Reset, HLVD, POR, PWM, WDT       Number of I/O     70       Program Memory Size     128KB (64K x 16)       Program Memory Type     FLASH       EEPROM Size     1K x 8       Seprod Size     3.8K x 8       Voltage - Supply (Vcc/Vdd)     4.2 V ~ 5.5 V       Data Converters     A/D 16x10b       Derating Temperature     -40°C ~ 125°C (TA)       Outning Type     -       Package / Case     80-TQFP (12x12)	Core Size	8-Bit
Peripherals     Brown-out Detect/Reset, HLVD, POR, PWM, WDT       Number of I/O     70       Program Memory Size     128KB (64K x 16)       Program Memory Type     FLASH       EEPROM Size     1K x 8       AM Size     3.8K x 8       Voltage - Supply (Vcc/Vdd)     4.2 V ~ 5.5 V       Data Converters     A/D 16x10b       Derating Temperature     -40°C ~ 125°C (TA)       Mounting Type     -       Package / Case     80-TQFP (12x12)	Speed	25MHz
Number of I/O     70       Program Memory Size     128KB (64K x 16)       Program Memory Type     FLASH       Program Memory Type     1K x 8       EEPROM Size     1K x 8       Voltage - Supply (Vcc/Vdd)     4.2 V ~ 5.5 V       Data Converters     A/D 16x10b       Dycating Temperature     -40°C ~ 125°C (TA)       Program Type     -       Package / Case     80-TQFP (12x12)	Connectivity	EBI/EMI, I2C, SPI, UART/USART
Program Memory Size128KB (64K x 16)Program Memory TypeFLASHProgram Memory Type1K x 8EEPROM Size3.8K x 8AAM Size3.8K x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 16x10bDerating Temperature-40°C ~ 125°C (TA)Package / Case80-TQFPSupplier Device Package80-TQFP (12x12)	Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size1K x 8RAM Size3.8K x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 16x10bDocillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Package / Case80-TQFPSupplier Device Package80-TQFP (12x12)	Number of I/O	70
EEPROM SizeIK x 8RAM Size3.8K x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 16x10bDecillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Package / Case80-TQFPSupplier Device Package80-TQFP (12x12)	Program Memory Size	128KB (64K x 16)
RAM Size3.8K x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 16x10bDscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Package / Case80-TQFPSupplier Device Package80-TQFP (12x12)	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 16x10bDecillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case80-TQFPSupplier Device Package80-TQFP (12x12)	EEPROM Size	1K x 8
Data ConvertersA/D 16x10bDscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case80-TQFPSupplier Device Package80-TQFP (12x12)	RAM Size	3.8K x 8
Dscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case80-TQFPSupplier Device Package80-TQFP (12x12)	Voltage - Supply (Vcc/Vdd)	4.2 V ~ 5.5 V
Derating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case80-TQFPSupplier Device Package80-TQFP (12x12)	Data Converters	A/D 16x10b
Mounting Type -   Package / Case 80-TQFP   Supplier Device Package 80-TQFP (12x12)	Oscillator Type	Internal
Package / Case80-TQFPSupplier Device Package80-TQFP (12x12)	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package 80-TQFP (12x12)	Mounting Type	-
	Package / Case	80-TQFP
Report errors?	Supplier Device Package	80-TQFP (12x12)
		Report errors?

#### PIC18F8722-E/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.

### PIC18F8722-E/PT Payment Methods



### PIC18F8722-E/PT Shipping Methods



If you have any question about PIC18F8722-E/PT, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com