

PIC16F19197-I/MR

est a Quote

PIC16F19197-I/MR Information

With the second second	Part Number	PIC16F19197-I/MR	
	Manufacturer	Microchip Technology	
	Category	Integrated Circuits (ICs) Embedded - Microcontrollers	- 199 - 555
	Description	IC MCU 8BIT 56KB FLASH 64QFN	- 99v
	Package	64-VFQFN Exposed Pad	122
		For the pricing/inventory/lead time, please contact	
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Reque

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.



PIC16F19197-I/MR Specifications

Manufacturer Microchip Technology Manufacturers Microchip Technology Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 64-VFQFN Exposed Pad Series PIC? Core Processor PIC Core Size 8-Bit Speed 32MHz Connectivity I2C, LIN, SPI, UART/USART Peripherals Brown-out Detect/Reset, LCD, POR, PWM, WDT Number of I/O 59 Program Memory Size 56KB (32K x 14) EEPROM Size 256 x 8 RAM Size 4K x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 5.5 V Data Converters A/D 45x12b, D/A 1x5b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 64-VFQFN Exposed Pad		
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage64-VFQFN Exposed PadSeriesPIC? XLP? 16FCore ProcessorPICCore Size8-BitSpeed32MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, LCD, POR, PWM, WDTNumber of I/O59Program Memory Size56KB (32K x 14)Pergram Memory TypeFLASHEEPROM Size256 x 8RAM Size4K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 45x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Manufacturer Part Number	PIC16F19197-I/MR
Endeddet - MicrocontrollersPackage64-VFQFN Exposed PadSeriesPIC? XLP? 16FCore ProcessorPICCore Size8-BitSpeed32MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, LCD, POR, PWM, WDTNumber of I/O59Program Memory Size56KB (32K x 14)Program Memory TypeFLASHEEPROM Size256 x 8Nutsize4K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 45x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Manufacturer	Microchip Technology
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Series PIC? XLP? 16F Core Processor PIC Core Size 8-Bit Speed 32MHz Connectivity I2C, LIN, SPI, UART/USART Poripherals Brown-out Detect/Reset, LCD, POR, PWM, WDT Number of I/O 59 Program Memory Size 56KB (32K x 14) Program Memory Type FLASH EEPROM Size 256 x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 5.5 V Data Converters A/D 45x12b, D/A 1x5b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 64-VFQFN Exposed Pad Supplier Device Package 64-QFN (9x9)		Embedded - Microcontrollers
Core ProcessorPICCore Size8-BitSpeed32MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, LCD, POR, PWM, WDTNumber of I/O59Program Memory Size56KB (32K x 14)Program Memory TypeFLASHEEPROM Size256 x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 45x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-Prokage / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Package	64-VFQFN Exposed Pad
Core Size8-BitSpeed32MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, LCD, POR, PWM, WDTNumber of I/O59Program Memory Size56KB (32K x 14)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size4K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 45x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Series	PIC? XLP? 16F
Speed32MHzSpeed32MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, LCD, POR, PWM, WDTNumber of I/O59Program Memory Size56KB (32K x 14)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size4K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 45x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Core Processor	PIC
Connectivity I2C, LIN, SPI, UART/USART Peripherals Brown-out Detect/Reset, LCD, POR, PWM, WDT Number of I/O 59 Program Memory Size 56KB (32K x 14) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 4K x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 5.5 V Data Converters A/D 45x12b, D/A 1x5b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Package / Case 64-VFQFN Exposed Pad Supplier Device Package 64-QFN (9x9)	Core Size	8-Bit
PeripheralsBrown-out Detect/Reset, LCD, POR, PWM, WDTNumber of I/O59Program Memory Size56KB (32K x 14)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size4K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 45x12b, D/A 1x5bOscillator Type-Operating Temperature-Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Speed	32MHz
Number of I/O59Program Memory Size56KB (32K x 14)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size4K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 45x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Connectivity	I2C, LIN, SPI, UART/USART
Program Memory Size56KB (32K x 14)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size4K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 45x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Peripherals	Brown-out Detect/Reset, LCD, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size256 x 8RAM Size4K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 45x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Number of I/O	59
EEPROM Size256 x 8RAM Size4K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 45x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Program Memory Size	56KB (32K x 14)
RAM Size4K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 45x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 45x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	EEPROM Size	256 x 8
Data ConvertersA/D 45x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	RAM Size	4K x 8
Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Voltage - Supply (Vcc/Vdd)	2.3 V ~ 5.5 V
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Data Converters	A/D 45x12b, D/A 1x5b
Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Oscillator Type	Internal
Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package64-QFN (9x9)	Mounting Type	-
	Package / Case	64-VFQFN Exposed Pad
Report errors?	Supplier Device Package	64-QFN (9x9)
		Report errors?

PIC16F19197-I/MR 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.

PIC16F19197-I/MR Payment Methods



PIC16F19197-I/MR Shipping Methods



If you have any question about PIC16F19197-I/MR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com