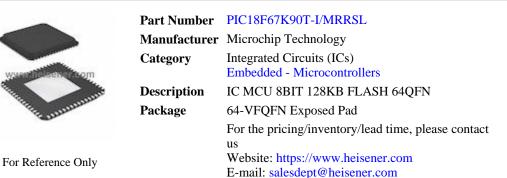


# PIC18F67K90T-I/MRRSL

### PIC18F67K90T-I/MRRSL Information





Request a Quote

# **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.



# PIC18F67K90T-I/MRRSL Specifications

ManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage64-VFQFN Exposed PadSeriesPIC? XLP? 18KCore ProcessorPICCore Size8-BitSpeed64MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, LCD, POR, PWM, WDTNumber of I/O53Program Memory Size12KK 6(4K x 16)Program Memory TypeFLASHEEPROM Size1K x 8Nutate ConvertersA/D 16x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type64-VFQFN Exposed PadSupplier Device Package64-VFQFN Exposed PadSupplier Device Package64-VFQFN Exposed Pad		
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage $64$ -VFQFN Exposed PadSeriesPIC? XLP? 18KCore ProcessorPICCore Size $8$ -BitSpeed $64MHz$ ConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, LCD, POR, PWM, WDTNumber of I/O $53$ Program Memory Size128KB ( $64K \times 16$ )Program Memory TypeFLASHEEPROM Size1K x 8Nutage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 16x12bOscillator TypeInternalOperating Temperature $-40^{\circ}C \sim 85^{\circ}C$ (TA)Mounting Type-Package / Case $64$ -VFQFN Exposed PadSupplier Device Package $64$ -QFN (9x9)	Manufacturer Part Number	PIC18F67K90T-I/MRRSL
Embedded - Microcontrollers   Package 64-VFQFN Exposed Pad   Series PIC? XLP? 18K   Core Processor PIC   Core Size 8-Bit   Speed 64MHz   Connectivity I2C, LIN, SPI, UART/USART   Peripherals Brown-out Detect/Reset, LCD, POR, PWM, WDT   Number of I/O 53   Program Memory Size I28KB (64K x 16)   Program Memory Type FLASH   EEPROM Size IK x 8   Voltage - Supply (Vcc/Vdd) 1.8 V ~ 5.5 V   Data Converters A/D 16x12b   Oscillator Type Internal   Operating Temperature -40°C ~ 85°C (TA)   Package / Case 64-VFQFN Exposed Pad   Supplier Device Package 64-QFN (9x9)	Manufacturer	Microchip Technology
Package64-VFQFN Exposed PadSeriesPIC? XLP? 18KCore ProcessorPICCore Size8-BitSpeed64/HZConcetivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, LCD, POR, PWM, WDTNumber of I/O53Program Memory Size128KB (64K x 16)PERPOM SizeIK x 8RAM Size4K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 16x12bOscillator TypeInternalOperating Temperature40°C ~ 85°C (TA)Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Category	Integrated Circuits (ICs)
SeriesPIC? XLP? 18KCore ProcessorPICCore Size8-BitSpeed64MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, LCD, POR, PWM, WDTNumber of I/O53Program Memory Size128KB (64K x 16)Program Memory TypeFLASHEEPROM Size1K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 16x12bOscillator Type-Pretaking Temperature-40°C ~ 85°C (TA)Mounting Type64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)		Embedded - Microcontrollers
Core ProcessorPICCore Size8-BitSpeed64MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, LCD, POR, PWM, WDTNumber of I/O53Program Memory Size128KB (64K x 16)Program Memory TypeFLASHEEPROM Size1K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 16x12bOscillator TypeInternalOperating Temperature-Prakage / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Package	64-VFQFN Exposed Pad
Core Size8-BitSpeed64MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, LCD, POR, PWM, WDTNumber of I/O53Program Memory Size128KB (64K x 16)Program Memory TypeFLASHEEPROM Size1K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 16x12bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Series	PIC? XLP? 18K
Speed64MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, LCD, POR, PWM, WDTNumber of I/O53Program Memory Size128KB (64K x 16)Program Memory TypeFLASHEEPROM Size1K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 16x12bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Core Processor	PIC
ConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, LCD, POR, PWM, WDTNumber of I/O53Program Memory Size128KB (64K x 16)Program Memory TypeFLASHEEPROM Size1K x 8RAM Size4K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 16x12bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Core Size	8-Bit
PeripheralsBrown-out Detect/Reset, LCD, POR, PWM, WDTNumber of I/O53Program Memory Size128KB (64K x 16)Program Memory TypeFLASHEEPROM Size1K x 8RAM Size4K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 16x12bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Speed	64MHz
Number of I/O53Program Memory Size128KB (64K x 16)Program Memory TypeFLASHEEPROM Size1K x 8RAM Size4K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 16x12bOscillator 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 Size128KB (64K x 16)Program Memory TypeFLASHEEPROM Size1K x 8RAM Size4K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 16x12bOscillator 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 Size1K x 8RAM Size4K x 8Voltage - Supply (Vcc/Vd)1.8 V ~ 5.5 VData ConvertersA/D 16x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Number of I/O	53
EEPROM SizeIK x 8RAM Size4K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 16x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Program Memory Size	128KB (64K x 16)
RAM Size4K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 16x12bOscillator 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)1.8 V ~ 5.5 VData ConvertersA/D 16x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-QFN (9x9)	EEPROM Size	1K x 8
Data ConvertersA/D 16x12bOscillator 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)	1.8 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 16x12b
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?

## PIC18F67K90T-I/MRRSL 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.

### PIC18F67K90T-I/MRRSL Payment Methods



If you have any question about PIC18F67K90T-I/MRRSL, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com