

PIC18F67K90T-I/MRRSL

PIC18F67K90T-I/MRRSL Information





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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