

PIC16F1936T-I/SS

PIC16F1936T-I/SS Information

omminin omminin Windheisener.com	 PIC16F1936T-I/SS Microchip Technology Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 8BIT 14KB FLASH 28SSOP 28-SSOP (0.209", 5.30mm Width) For the pricing/inventory/lead time, please contact us	
For Reference Only	Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

Certified Quality

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PIC16F1936T-I/SS Specifications

ManufacturerMicrochip TechnologyManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage28-SSOP (0.209", 5.30mm Width)SeriesPIC? XLP? 16FCore ProcessorPICCore Size8-BitSpeed32MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, LCD, POR, PWM, WDTNumber of I/O25Program Memory Size14KB (8K x 14)EEPROM Size256 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 11x10bOscillator TypeInternalOperating Temperature 40° C ~ 85°C (TA)Package / Case28-SSOP (0.209", 5.30mm Width)		
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SeriesPIC? XLP? 16FCore ProcessorPICCore Size8-BitSpeed32MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, LCD, POR, PWM, WDTNumber of I/O25Program Memory Size14KB (8K x 14)Program Memory TypeFLASHEEPROM Size256 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 11x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP		Embedded - Microcontrollers
Core ProcessorPICCore Size8-BitSpeed32MHzConnectivity12C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, LCD, POR, PWM, WDTNumber of I/O25Program Memory Size14KB (8K x 14)Program Memory TypeFLASHEEPROM Size256 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 11x10bOscillator Type-Porating Temperature-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Package	28-SSOP (0.209", 5.30mm Width)
Core Size8-BitSpeed32MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, LCD, POR, PWM, WDTNumber of I/O25Program Memory Size14KB (8K x 14)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 11x10bOscillator Type-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Series	PIC? XLP? 16F
Speed32MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, LCD, POR, PWM, WDTNumber of I/O25Program Memory Size14KB (8K x 14)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 11x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Core Processor	PIC
Connectivity I2C, LIN, SPI, UART/USART Peripherals Brown-out Detect/Reset, LCD, POR, PWM, WDT Number of I/O 25 Program Memory Size 14KB (8K x 14) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 5.5 V Data Converters A/D 11x10b Oscillator Type -40°C ~ 85°C (TA) Mounting Type - Package / Case 28-SSOP (0.209", 5.30mm Width)	Core Size	8-Bit
PeripheralsBrown-out Detect/Reset, LCD, POR, PWM, WDTNumber of I/O25Program Memory Size14KB (8K x 14)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 11x10bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Speed	32MHz
Number of I/O25Program Memory Size14KB (8K x 14)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 11x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Connectivity	I2C, LIN, SPI, UART/USART
Program Memory Size14KB (8K x 14)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 11x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Peripherals	Brown-out Detect/Reset, LCD, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size256 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 11x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Number of I/O	25
EEPROM Size256 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 11x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Program Memory Size	14KB (8K x 14)
RAM Size512 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 11x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 11x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	EEPROM Size	256 x 8
Data ConvertersA/D 11x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	RAM Size	512 x 8
Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 5.5 V
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Data Converters	A/D 11x10b
Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Oscillator Type	Internal
Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 28-SSOP	Mounting Type	-
	Package / Case	28-SSOP (0.209", 5.30mm Width)
Report errors?	Supplier Device Package	28-SSOP
		Report errors?

PIC16F1936T-I/SS 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 EUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

PIC16F1936T-I/SS Payment Methods



PIC16F1936T-I/SS Shipping Methods



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