



PIC16F18455T-I/SS Information



For Reference Only

Part Number PIC16F18455T-I/SS

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 8BIT 14KB FLASH 28SSOP **Package** 28-SSOP (0.209", 5.30mm Width)

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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PIC16F18455T-I/SS Specifications

Manufacturer Part Number PIC16F18455T-I/SS Manufacturer Microchip Technology Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 28-SSOP (0.209", 5.30mm Width) Series PIC® XLPIM 16F Core Processor PIC Core Size 8-Bit Speed 32MHz Connectivity IPC, LINbus, SPI, UART/USART Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 26 Program Memory Size 14KB (8K x 14) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 5.5 V Data Converters A/D 24x12b, D/A 1x5b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 28-SSOP (0.209", 5.30mm Width)		
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Series PIC® XLP™ 16F Core Processor PIC Core Size 8-Bit Speed 32MHz Connectivity IPC, LINbus, SPI, UART/USART Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 26 Program Memory Size 14KB (8K x 14) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 5.5 V Data Converters A/D 24x12b, D/A 1x5b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 28-SSOP (0.209", 5.30mm Width)		Embedded - Microcontrollers
Core Processor PIC Core Size 8-Bit Speed 32MHz Connectivity IPC, LINbus, SPI, UART/USART Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 26 Program Memory Size 14KB (8K x 14) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 5.5 V Data Converters A/D 24x12b, D/A 1x5b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 28-SSOP (0.209", 5.30mm Width)	Package	28-SSOP (0.209", 5.30mm Width)
Core Size 8-Bit Speed 32MHz Connectivity PC, LINbus, SPI, UART/USART Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 26 Program Memory Size 14KB (8K x 14) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 5.5 V Data Converters A/D 24x12b, D/A 1x5b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 28-SSOP (0.209", 5.30mm Width)	Series	PIC® XLP TM 16F
Speed 32MHz Connectivity PC, LINbus, SPI, UART/USART Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 26 Program Memory Size 14KB (8K x 14) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 5.5 V Data Converters A/D 24x12b, D/A 1x5b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 28-SSOP (0.209", 5.30mm Width)	Core Processor	PIC
Connectivity Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 26 Program Memory Size 14KB (8K x 14) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 5.5 V Data Converters A/D 24x12b, D/A 1x5b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type Package / Case 28-SSOP (0.209", 5.30mm Width)	Core Size	8-Bit
Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 26 Program Memory Size 14KB (8K x 14) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 5.5 V Data Converters A/D 24x12b, D/A 1x5b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type Package / Case Brown-out Detect/Reset, POR, PWM, WDT 26 Park (Reset, POR, PWM, WDT A/B (N) WDT A/B (N) WDT FLASH FLASH FLASH 256 x 8 RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 5.5 V Data Converters A/D 24x12b, D/A 1x5b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type Package / Case 28-SSOP (0.209", 5.30mm Width)	Speed	32MHz
Number of I/O 26 Program Memory Size 14KB (8K x 14) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 5.5 V Data Converters A/D 24x12b, D/A 1x5b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 28-SSOP (0.209", 5.30mm Width)	Connectivity	I ² C, LINbus, SPI, UART/USART
Program Memory Size Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size Voltage - Supply (Vcc/Vdd) Data Converters A/D 24x12b, D/A 1x5b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type Package / Case 14KB (8K x 14) FLASH EEPROM Size 256 x 8 RAM Size 1 K x 8 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 5.5 V Internal -40°C ~ 85°C (TA)	Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Program Memory Type EEPROM Size 256 x 8 RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 5.5 V Data Converters A/D 24x12b, D/A 1x5b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 28-SSOP (0.209", 5.30mm Width)	Number of I/O	26
EEPROM Size 256×8 RAM Size $1K \times 8$ Voltage - Supply (Vcc/Vdd) $2.5 \text{ V} \sim 5.5 \text{ V}$ Data Converters $A/D 24x12b$, $D/A 1x5b$ Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)Mounting Type-Package / Case 28-SSOP (0.209", 5.30mm Width)	Program Memory Size	14KB (8K x 14)
RAM Size $ 1K \times 8 $ $ Voltage - Supply (Vcc/Vdd) \qquad 2.5 \text{ V} \sim 5.5 \text{ V} $ $ Data Converters \qquad A/D 24x12b, D/A 1x5b $ $ Oscillator Type \qquad Internal $ $ Operating Temperature \qquad -40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)} $ $ Mounting Type \qquad - $ $ Package / Case \qquad 28-SSOP (0.209", 5.30mm Width) $	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd) 2.5 V \sim 5.5 V A/D 24x12b, D/A 1x5b Oscillator Type Internal Operating Temperature -40°C \sim 85°C (TA) Mounting Type - Package / Case 28-SSOP (0.209", 5.30mm Width)	EEPROM Size	256 x 8
	RAM Size	1K x 8
Oscillator Type Internal Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA) Mounting Type - Package / Case 28-SSOP (0.209", 5.30mm Width)	Voltage - Supply (Vcc/Vdd)	2.5 V ~ 5.5 V
Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case -40°C ~ 85°C (TA) - 28-SSOP (0.209", 5.30mm Width)	Data Converters	A/D 24x12b, D/A 1x5b
Mounting Type - Package / Case - 28-SSOP (0.209", 5.30mm Width)	Oscillator Type	Internal
Package / Case 28-SSOP (0.209", 5.30mm Width)	Operating Temperature	-40°C ~ 85°C (TA)
	Mounting Type	-
0.000	Package / Case	28-SSOP (0.209", 5.30mm Width)
Supplier Device Package 28-SSOP	Supplier Device Package	28-SSOP
Report errors?		Report errors?

PIC16F18455T-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 Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

PIC16F18455T-I/SS Payment Methods



















PIC16F18455T-I/SS Shipping Methods













If you have any question about PIC16F18455T-I/SS, please do not hesitate to contact us!

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