



### PIC18LF4439-I/PT Information



For Reference Only

Part Number PIC18LF4439-I/PT

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

**Description** IC MCU 8BIT 12KB FLASH 44TQFP

Package 44-TQFF

For the pricing/inventory/lead time, please contact

us

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



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# PIC18LF4439-I/PT Specifications

Manufacturer Part Number  Manufacturer  Microchip Technology  Integrated Circuits (ICs)  Embedded - Microcontrollers  Package  44-TQFP  Series  PIC? 18F  Core Processor  PIC  Core Size  8-Bit  Speed  40MHz  Connectivity  I2C, SPI, UART/USART  Peripherals  Brown-out Detect/Reset, LVD, POR, PWM, WDT  Number of I/O  32  Program Memory Size  12KB (6K x 16)  Program Memory Type  FLASH  EEPROM Size  RAM Size  40 x 8  Voltage - Supply (Vcc/Vdd)  Data Converters  Oscillator Type  Internal  Operating Temparature  400C, 865C (Th)		
Category Integrated Circuits (ICs)  Embedded - Microcontrollers  Package 44-TQFP  Series PIC? 18F  Core Processor PIC  Core Size 8-Bit  Speed 40MHz  Connectivity I2C, SPI, UART/USART  Peripherals Brown-out Detect/Reset, LVD, POR, PWM, WDT  Number of I/O 32  Program Memory Size 12KB (6K x 16)  Program Memory Type FLASH  EEPROM Size 256 x 8  RAM Size 640 x 8  Voltage - Supply (Vcc/Vdd) 2 V ~ 5.5 V  Data Converters A/D 8x10b  Oscillator Type Internal	Manufacturer Part Number	PIC18LF4439-I/PT
Embedded - Microcontrollers           Package         44-TQFP           Series         PIC? 18F           Core Processor         PIC           Core Size         8-Bit           Speed         40MHz           Connectivity         12C, SPI, UART/USART           Peripherals         Brown-out Detect/Reset, LVD, POR, PWM, WDT           Number of I/O         32           Program Memory Size         12KB (6K x 16)           Program Memory Type         FLASH           EEPROM Size         256 x 8           RAM Size         640 x 8           Voltage - Supply (Vcc/Vdd)         2 V ~ 5.5 V           Data Converters         A/D 8x10b           Oscillator Type         Internal	Manufacturer	Microchip Technology
Package 44-TQFP Series PIC? 18F  Core Processor PIC  Core Size 8-Bit Speed 40MHz  Connectivity I2C, SPI, UART/USART  Peripherals Brown-out Detect/Reset, LVD, POR, PWM, WDT  Number of I/O 32  Program Memory Size 12KB (6K x 16)  Program Memory Type FLASH  EEPROM Size 256 x 8  RAM Size 640 x 8  Voltage - Supply (Vcc/Vdd) 2 V ~ 5.5 V  Data Converters A/D 8x10b  Oscillator Type Internal	Category	Integrated Circuits (ICs)
Series         PIC? 18F           Core Processor         PIC           Core Size         8-Bit           Speed         40MHz           Connectivity         I2C, SPI, UART/USART           Peripherals         Brown-out Detect/Reset, LVD, POR, PWM, WDT           Number of I/O         32           Program Memory Size         12KB (6K x 16)           Program Memory Type         FLASH           EEPROM Size         256 x 8           RAM Size         640 x 8           Voltage - Supply (Vcc/Vdd)         2 V ~ 5.5 V           Data Converters         A/D 8x10b           Oscillator Type         Internal		Embedded - Microcontrollers
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Package	44-TQFP
Core Size 8-Bit  Speed 40MHz  Connectivity I2C, SPI, UART/USART  Peripherals Brown-out Detect/Reset, LVD, POR, PWM, WDT  Number of I/O 32  Program Memory Size 12KB (6K x 16)  Program Memory Type FLASH  EEPROM Size 256 x 8  RAM Size 640 x 8  Voltage - Supply (Vcc/Vdd) 2 V ~ 5.5 V  Data Converters A/D 8x10b  Oscillator Type Internal	Series	PIC? 18F
Speed 40MHz Connectivity I2C, SPI, UART/USART  Peripherals Brown-out Detect/Reset, LVD, POR, PWM, WDT  Number of I/O 32  Program Memory Size 12KB (6K x 16)  Program Memory Type FLASH  EEPROM Size 256 x 8  RAM Size 640 x 8  Voltage - Supply (Vcc/Vdd) 2 V ~ 5.5 V  Data Converters A/D 8x10b  Oscillator Type Internal	Core Processor	PIC
Connectivity  I2C, SPI, UART/USART  Peripherals  Brown-out Detect/Reset, LVD, POR, PWM, WDT  Number of I/O  32  Program Memory Size  12KB (6K x 16)  Program Memory Type  FLASH  EEPROM Size  256 x 8  RAM Size  440 x 8  Voltage - Supply (Vcc/Vdd)  2 V ~ 5.5 V  Data Converters  A/D 8x10b  Oscillator Type  Internal	Core Size	8-Bit
Peripherals  Brown-out Detect/Reset, LVD, POR, PWM, WDT  Number of I/O  32  Program Memory Size  12KB (6K x 16)  Program Memory Type  FLASH  EEPROM Size  256 x 8  RAM Size  640 x 8  Voltage - Supply (Vcc/Vdd)  2 V ~ 5.5 V  Data Converters  A/D 8x10b  Oscillator Type  Internal	Speed	40MHz
Number of I/O         32           Program Memory Size         12KB (6K x 16)           Program Memory Type         FLASH           EEPROM Size         256 x 8           RAM Size         640 x 8           Voltage - Supply (Vcc/Vdd)         2 V ~ 5.5 V           Data Converters         A/D 8x10b           Oscillator Type         Internal	Connectivity	I2C, SPI, UART/USART
Program Memory Size  Program Memory Type  FLASH  EEPROM Size  256 x 8  RAM Size  640 x 8  Voltage - Supply (Vcc/Vdd)  Data Converters  Oscillator Type  12KB (6K x 16)  FLASH  256 x 8  A/D 8x10b  Internal	Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size $256 \times 8$ RAM Size $640 \times 8$ Voltage - Supply (Vcc/Vdd) $2 \times 5.5 \times$	Number of I/O	32
EEPROM Size $256 \times 8$ RAM Size $640 \times 8$ Voltage - Supply (Vcc/Vdd) $2 \times 5.5 \times 5.5 \times 100$ Data Converters $2 \times 100 \times 100$ Oscillator Type Internal	Program Memory Size	12KB (6K x 16)
RAM Size $640 \times 8$ Voltage - Supply (Vcc/Vdd) $2 \times 5.5 \times 5.5 \times 100$ Data Converters $2 \times 100 \times 100$ Oscillator Type Internal	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)  2 V ~ 5.5 V  Data Converters  A/D 8x10b  Oscillator Type  Internal	EEPROM Size	256 x 8
Data Converters  A/D 8x10b  Oscillator Type  Internal	RAM Size	640 x 8
Oscillator Type Internal	Voltage - Supply (Vcc/Vdd)	2 V ~ 5.5 V
	Data Converters	A/D 8x10b
Operating Temperature 400C 950C (TA)	Oscillator Type	Internal
Operating Temperature -40 C ~ 85 C (TA)	Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$
Mounting Type -	Mounting Type	-
Package / Case 44-TQFP	Package / Case	44-TQFP
Supplier Device Package 44-TQFP (10x10)	Supplier Device Package	44-TQFP (10x10)
Report errors		Report errors?

### PIC18LF4439-I/PT Guarantees



#### **Quality Guarantees**

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We guarantee 100% customer satisfaction.

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## PIC18LF4439-I/PT Payment Methods



















### PIC18LF4439-I/PT Shipping Methods













If you have any question about PIC18LF4439-I/PT, please do not hesitate to contact us!

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