



PIC18LF2515-I/SO Information



For Reference Only

Part Number PIC18LF2515-I/SO

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

DescriptionIC MCU 8BIT 48KB FLASH 28SOIC**Package**28-SOIC (0.295", 7.50mm Width)

For the pricing/inventory/lead time, please contact

us

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



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.









PIC18LF2515-I/SO Specifications

Manufacturer Part Number PIC18LF2515-I/SO Manufacturer Microchip Technology Category Integrated Circuits (ICs) Package 28-SOIC (0.295", 7.50mm Width) Series PIC? 18F Core Processor PIC Core Size 8-Bit Speed 40MHz Connectivity 12C, SPI, UART/USART Peripherals Brown-out Detect/Reset, HLVD, POR, PWM, WDT Number of I/O 25 Program Memory Size 48KB (24K x 16) Program Memory Type FLASH EEPROM Size - RAM Size 3.8K x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 5.5 V Data Converters A/D 10x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA)	*	
Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 28-SOIC (0.295", 7.50mm Width) Series PIC? 18F Core Processor PIC Core Size 8-Bit Speed 40MHz Connectivity I2C, SPI, UART/USART Peripherals Brown-out Detect/Reset, HLVD, POR, PWM, WDT Number of I/O 25 Program Memory Size 48KB (24K x 16) Program Memory Type FLASH EEPROM Size - RAM Size 3.8K x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 5.5 V Data Converters A/D 10x10b Oscillator Type Internal	Manufacturer Part Number	PIC18LF2515-I/SO
Embedded - MicrocontrollersPackage28-SOIC (0.295", 7.50mm Width)SeriesPIC? 18FCore ProcessorPICCore Size8-BitSpeed40MHzConnectivityI2C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTNumber of I/O25Program Memory Size48KB (24K x 16)Program Memory TypeFLASHEEPROM Size-RAM Size3.8K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 5.5 VData ConvertersA/D 10x10bOscillator TypeInternal	Manufacturer	Microchip Technology
Package 28-SOIC (0.295", 7.50mm Width) Series PIC? 18F Core Processor PIC Core Size 8-Bit Speed 40MHz Connectivity 12C, SPI, UART/USART Peripherals Brown-out Detect/Reset, HLVD, POR, PWM, WDT Number of I/O 25 Program Memory Size 48KB (24K x 16) Program Memory Type FLASH EEPROM Size - RAM Size 3.8K x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 5.5 V Data Converters A/D 10x10b 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, HLVD, POR, PWM, WDT Number of I/O 25 Program Memory Size 48KB (24K x 16) Program Memory Type FLASH EEPROM Size - RAM Size 3.8K x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 5.5 V Data Converters A/D 10x10b Oscillator Type Internal		Embedded - Microcontrollers
Core ProcessorPICCore Size8-BitSpeed $40MHz$ ConnectivityI2C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTNumber of I/O 25 Program Memory Size $48KB (24K \times 16)$ Program Memory TypeFLASHEEPROM Size-RAM Size $3.8K \times 8$ Voltage - Supply (Vcc/Vdd) $2 \vee \sim 5.5 \vee$ Data Converters $A/D 10x10b$ Oscillator TypeInternal	Package	28-SOIC (0.295", 7.50mm Width)
Core Size 8-Bit Speed 40MHz Connectivity 12C, SPI, UART/USART Peripherals Brown-out Detect/Reset, HLVD, POR, PWM, WDT Number of I/O 25 Program Memory Size 48KB (24K x 16) Program Memory Type FLASH EEPROM Size - RAM Size 3.8K x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 5.5 V Data Converters A/D 10x10b Oscillator Type Internal	Series	PIC? 18F
Speed 40MHz Connectivity I2C, SPI, UART/USART Peripherals Brown-out Detect/Reset, HLVD, POR, PWM, WDT Number of I/O 25 Program Memory Size 48KB (24K x 16) Program Memory Type FLASH EEPROM Size - RAM Size 3.8K x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 5.5 V Data Converters A/D 10x10b Oscillator Type Internal	Core Processor	PIC
Connectivity I2C, SPI, UART/USART Peripherals Brown-out Detect/Reset, HLVD, POR, PWM, WDT Number of I/O 25 Program Memory Size 48KB (24K x 16) Program Memory Type FLASH EEPROM Size - RAM Size 3.8K x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 5.5 V Data Converters A/D 10x10b Oscillator Type Internal	Core Size	8-Bit
Peripherals Brown-out Detect/Reset, HLVD, POR, PWM, WDT Number of I/O 25 Program Memory Size 48KB (24K x 16) Program Memory Type FLASH EEPROM Size - RAM Size 3.8K x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 5.5 V Data Converters A/D 10x10b Oscillator Type Internal	Speed	40MHz
Number of I/O 25 Program Memory Size 48KB (24K x 16) Program Memory Type FLASH EEPROM Size - RAM Size 3.8K x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 5.5 V Data Converters A/D 10x10b Oscillator Type Internal	Connectivity	I2C, SPI, UART/USART
Program Memory Size 48KB (24K x 16) Program Memory Type FLASH EEPROM Size - RAM Size 3.8K x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 5.5 V Data Converters A/D 10x10b Oscillator Type Internal	Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT
Program Memory Type FLASH EEPROM Size - RAM Size 3.8K x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 5.5 V Data Converters A/D 10x10b Oscillator Type Internal	Number of I/O	25
EEPROM Size - RAM Size 3.8K x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 5.5 V Data Converters A/D 10x10b Oscillator Type Internal	Program Memory Size	48KB (24K x 16)
RAM Size $3.8 \text{K} \times 8$ Voltage - Supply (Vcc/Vdd) $2 \text{V} \sim 5.5 \text{V}$ Data Converters $A/D 10 \times 10 \text{b}$ Oscillator Type Internal	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)2 V ~ 5.5 VData ConvertersA/D 10x10bOscillator TypeInternal	EEPROM Size	-
Data Converters A/D 10x10b Oscillator Type Internal	RAM Size	3.8K x 8
Oscillator Type Internal	Voltage - Supply (Vcc/Vdd)	2 V ~ 5.5 V
	Data Converters	A/D 10x10b
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$	Oscillator Type	Internal
	Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$
Mounting Type -	Mounting Type	-
Package / Case 28-SOIC (0.295", 7.50mm Width)	Package / Case	28-SOIC (0.295", 7.50mm Width)
Supplier Device Package 28-SOIC	Supplier Device Package	28-SOIC
Report errors?		Report errors?

PIC18LF2515-I/SO 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.

PIC18LF2515-I/SO Payment Methods



















PIC18LF2515-I/SO Shipping Methods













If you have any question about PIC18LF2515-I/SO, please do not hesitate to contact us!

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