



### PIC18F2410-I/SO Information



For Reference Only

Part Number PIC18F2410-I/SO

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

DescriptionIC MCU 8BIT 16KB FLASH 28SOICPackage28-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



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## PIC18F2410-I/SO Specifications

Manufacturer Part Number         PIC18F2410-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         16KB (8K x 16)           Program Memory Type         FLASH           EEPROM Size         -           RAM Size         768 x 8           Voltage - Supply (Vcc/Vdd)         4.2 V ~ 5.5 V           Data Converters         A/D 10x10b           Oscillator Type         Internal           Operating Temperature         4.0°C ~ 85°C (TA)           Mounting Type         -           Package / Case         28-SOIC (0.295", 7.50mm Width)           Supplier Device Package         28-SOIC	•	
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         12C, SPI, UART/USART           Peripherals         Brown-out Detect/Reset, HLVD, POR, PWM, WDT           Number of I/O         25           Program Memory Size         16KB (8K x 16)           Program Memory Type         FLASH           EEPROM Size         -           RAM Size         768 x 8           Voltage - Supply (Vcc/Vdd)         4.2 V ~ 5.5 V           Data Converters         A/D 10x10b           Oscillator Type         Internal           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         -           Package / Case         28-SOIC (0.295", 7.50mm Width)           Supplier Device Package         28-SOIC	Manufacturer Part Number	PIC18F2410-I/SO
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         16KB (8K x 16)           Program Memory Type         FLASH           EEPROM Size         -           RAM Size         768 x 8           Voltage - Supply (Vcc/Vdd)         4.2 V ~ 5.5 V           Data Converters         A/D 10x10b           Oscillator Type         Internal           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         -           Package / Case         28-SOIC (0.295", 7.50mm Width)           Supplier Device Package         28-SOIC	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         16KB (8K x 16)           Program Memory Type         FLASH           EEPROM Size         -           RAM Size         768 x 8           Voltage - Supply (Vcc/Vdd)         4.2 V ~ 5.5 V           Data Converters         A/D 10x10b           Oscillator Type         Internal           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         -           Package / Case         28-SOIC (0.295", 7.50mm Width)           Supplier Device Package         28-SOIC	Category	Integrated Circuits (ICs)
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         16KB (8K x 16)           Program Memory Type         FLASH           EEPROM Size         -           RAM Size         768 x 8           Voltage - Supply (Vcc/Vdd)         4.2 V ~ 5.5 V           Data Converters         A/D 10x10b           Oscillator Type         Internal           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         -           Package / Case         28-SOIC (0.295", 7.50mm Width)           Supplier Device Package         28-SOIC		Embedded - Microcontrollers
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         16KB (8K x 16)           Program Memory Type         FLASH           EEPROM Size         -           RAM Size         768 x 8           Voltage - Supply (Vcc/Vdd)         4.2 V ~ 5.5 V           Data Converters         A/D 10x10b           Oscillator Type         Internal           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         -           Package / Case         28-SOIC (0.295", 7.50mm Width)           Supplier Device Package         28-SOIC	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         16KB (8K x 16)           Program Memory Type         FLASH           EEPROM Size         -           RAM Size         768 x 8           Voltage - Supply (Vcc/Vdd)         4.2 V ~ 5.5 V           Data Converters         A/D 10x10b           Oscillator Type         Internal           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         -           Package / Case         28-SOIC (0.295", 7.50mm Width)           Supplier Device Package         28-SOIC	Series	PIC? 18F
Speed 40MHz Connectivity 12C, SPI, UART/USART Peripherals Brown-out Detect/Reset, HLVD, POR, PWM, WDT Number of I/O 25 Program Memory Size 16KB (8K x 16) Program Memory Type FLASH EEPROM Size - RAM Size 768 x 8 Voltage - Supply (Vcc/Vdd) 4.2 V ~ 5.5 V Data Converters A/D 10x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC	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         16KB (8K x 16)           Program Memory Type         FLASH           EEPROM Size         -           RAM Size         768 x 8           Voltage - Supply (Vcc/Vdd)         4.2 V ~ 5.5 V           Data Converters         A/D 10x10b           Oscillator Type         Internal           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         -           Package / Case         28-SOIC (0.295", 7.50mm Width)           Supplier Device Package         28-SOIC	Core Size	8-Bit
Peripherals  Brown-out Detect/Reset, HLVD, POR, PWM, WDT  Number of I/O  25  Program Memory Size  16KB (8K x 16)  Program Memory Type  FLASH  EEPROM Size  - RAM Size  768 x 8  Voltage - Supply (Vcc/Vdd)  4.2 V ~ 5.5 V  Data Converters  A/D 10x10b  Oscillator Type  Internal  Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  - Package / Case  28-SOIC (0.295", 7.50mm Width)  Supplier Device Package	Speed	40MHz
Number of I/O         25           Program Memory Size         16KB (8K x 16)           Program Memory Type         FLASH           EEPROM Size         -           RAM Size         768 x 8           Voltage - Supply (Vcc/Vdd)         4.2 V ~ 5.5 V           Data Converters         A/D 10x10b           Oscillator Type         Internal           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         -           Package / Case         28-SOIC (0.295", 7.50mm Width)           Supplier Device Package         28-SOIC	Connectivity	I2C, SPI, UART/USART
Program Memory Size  Program Memory Type  FLASH  EEPROM Size  RAM Size  768 x 8  Voltage - Supply (Vcc/Vdd)  4.2 V ~ 5.5 V  Data Converters  A/D 10x10b  Oscillator Type  Internal  Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  - Package / Case  28-SOIC (0.295", 7.50mm Width)  Supplier Device Package	Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT
Program Memory Type FLASH  EEPROM Size -  RAM Size 768 x 8  Voltage - Supply (Vcc/Vdd) 4.2 V ~ 5.5 V  Data Converters A/D 10x10b  Oscillator Type Internal  Operating Temperature -40°C ~ 85°C (TA)  Mounting Type -  Package / Case 28-SOIC (0.295", 7.50mm Width)  Supplier Device Package 28-SOIC	Number of I/O	25
EEPROM Size - 768 x 8  Voltage - Supply (Vcc/Vdd) 4.2 V ~ 5.5 V  Data Converters A/D 10x10b  Oscillator Type Internal  Operating Temperature -40°C ~ 85°C (TA)  Mounting Type - Package / Case 28-SOIC (0.295", 7.50mm Width)  Supplier Device Package 28-SOIC	Program Memory Size	16KB (8K x 16)
RAM Size 768 x 8  Voltage - Supply (Vcc/Vdd) 4.2 V ~ 5.5 V  Data Converters A/D 10x10b  Oscillator Type Internal  Operating Temperature -40°C ~ 85°C (TA)  Mounting Type -  Package / Case 28-SOIC (0.295", 7.50mm Width)  Supplier Device Package 28-SOIC	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd) 4.2 V $\sim$ 5.5 V Data Converters A/D $10x10b$ Oscillator Type Internal Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA) Mounting Type $-$ Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC	EEPROM Size	-
Data Converters A/D $10x10b$ Oscillator Type Internal  Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)  Mounting Type -  Package / Case $28\text{-SOIC}$ (0.295", 7.50mm Width)  Supplier Device Package $28\text{-SOIC}$	RAM Size	768 x 8
Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA)  Mounting Type - Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC	Voltage - Supply (Vcc/Vdd)	4.2 V ~ 5.5 V
Operating Temperature -40°C ~ 85°C (TA)  Mounting Type - Package / Case 28-SOIC (0.295", 7.50mm Width)  Supplier Device Package 28-SOIC	Data Converters	A/D 10x10b
Mounting Type - Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC	Oscillator Type	Internal
Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC	Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$
Supplier Device Package 28-SOIC	Mounting Type	-
	Package / Case	28-SOIC (0.295", 7.50mm Width)
Report errors?	Supplier Device Package	28-SOIC
		Report errors?

### PIC18F2410-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.

### PIC18F2410-I/SO Payment Methods



















### PIC18F2410-I/SO Shipping Methods













If you have any question about PIC18F2410-I/SO, please do not hesitate to contact us!

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