



PIC16F1783-E/MV Information



For Reference Only

Part Number PIC16F1783-E/MV

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 8BIT 7KB FLASH 28UQFN

Package 28-UFQFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

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



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Certified Quality

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PIC16F1783-E/MV Specifications

Manufacturer Part NumberPIC16F1783-E/MVManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage28-UFQFN Exposed PadSeriesPIC? XLP? 16FCore ProcessorPICCore Size8-BitSpeed32MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PSMC, PWM, WDTNumber of I/O24Program Memory Size7KB (4K x 14)Program Memory TypeFLASH	*	
Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 28-UFQFN Exposed Pad Series PIC? XLP? 16F Core Processor PIC Core Size 8-Bit Speed 32MHz Connectivity I2C, LIN, SPI, UART/USART Peripherals Brown-out Detect/Reset, POR, PSMC, PWM, WDT Number of I/O 24 Program Memory Size 7KB (4K x 14) Program Memory Type FLASH	Manufacturer Part Number	PIC16F1783-E/MV
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Series PIC? XLP? 16F Core Processor PIC Core Size 8-Bit Speed 32MHz Connectivity I2C, LIN, SPI, UART/USART Peripherals Brown-out Detect/Reset, POR, PSMC, PWM, WDT Number of I/O 24 Program Memory Size 7KB (4K x 14) Program Memory Type FLASH		Embedded - Microcontrollers
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Speed32MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PSMC, PWM, WDTNumber of I/O24Program Memory Size7KB (4K x 14)Program Memory TypeFLASH	Core Processor	PIC
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Peripherals Brown-out Detect/Reset, POR, PSMC, PWM, WDT Number of I/O 24 Program Memory Size 7KB (4K x 14) Program Memory Type FLASH	Speed	32MHz
Number of I/O 24 Program Memory Size 7KB (4K x 14) Program Memory Type FLASH	Connectivity	I2C, LIN, SPI, UART/USART
Program Memory Size 7KB (4K x 14) Program Memory Type FLASH	Peripherals	Brown-out Detect/Reset, POR, PSMC, PWM, WDT
Program Memory Type FLASH	Number of I/O	24
	Program Memory Size	7KB (4K x 14)
	Program Memory Type	FLASH
EEPROM Size 256 x 8	EEPROM Size	256 x 8
RAM Size 512 x 8	RAM Size	512 x 8
Voltage - Supply (Vcc/Vdd) 2.3 V ~ 5.5 V	Voltage - Supply (Vcc/Vdd)	2.3 V ~ 5.5 V
Data Converters A/D 11x12b, D/A 1x8b	Data Converters	A/D 11x12b, D/A 1x8b
Oscillator Type Internal	Oscillator Type	Internal
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TA)}$	Operating Temperature	$-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TA)}$
Mounting Type -	Mounting Type	-
Package / Case 28-UFQFN Exposed Pad	Package / Case	28-UFQFN Exposed Pad
Supplier Device Package 28-UQFN (4x4)	Supplier Device Package	28-UQFN (4x4)
Report errors		Report errors?

PIC16F1783-E/MV 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.

PIC16F1783-E/MV Payment Methods



















PIC16F1783-E/MV Shipping Methods













If you have any question about PIC16F1783-E/MV, please do not hesitate to contact us!

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