



PIC16F1788-I/ML Information



For Reference Only

Part Number PIC16F1788-I/ML

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 8BIT 28KB FLASH 28QFN

Package 28-VQFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

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PIC16F1788-I/ML Specifications

Manufacturer Part Number Manufacturer Microchip Technology Integrated Circuits (ICs) Embedded - Microcontrollers Package Package 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 Program Memory Size PICS 28KB (16K x 14) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size Voltage - Supply (Vcc/Vdd) Pintegrated Circuits (ICs) Embedded - Microcontrollers Alicrocontrollers 28-VQFN Exposed Pad PIC? XLP? 16F PIC 24-PIC 25C x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 5.5 V
Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 28-VQFN 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 28KB (16K x 14) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size Voltage - Supply (Vcc/Vdd) 23-V - 5.5 V
Embedded - Microcontrollers 28-VQFN 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 28KB (16K x 14) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size Voltage - Supply (Vcc/Vdd) 28-VQFN Exposed Pad 28-VQFN E
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Core Processor 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 28KB (16K x 14) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size Voltage - Supply (Vcc/Vdd) 22MHz 12C, LIN, SPI, UART/USART 24 Brown-out Detect/Reset, POR, PSMC, PWM, WDT 24 24 Program Memory Size 28KB (16K x 14) FLASH EEPROM Size 256 x 8 RAM Size 250 x 8 Voltage - Supply (Vcc/Vdd)
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Voltage - Supply (Vcc/Vdd) 2.3 V ~ 5.5 V
Data Converters A/D 11x12b, D/A 1x8b, 3x5b
Oscillator Type Internal
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$
Mounting Type -
Package / Case 28-VQFN Exposed Pad
Supplier Device Package 28-QFN (6x6)
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PIC16F1788-I/ML 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.

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PIC16F1788-I/ML Shipping Methods













If you have any question about PIC16F1788-I/ML, please do not hesitate to contact us!

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