

PIC18F4480-I/ML

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PIC18F4480-I/ML Information

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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.



PIC18F4480-I/ML Specifications

ManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage44-VQFN Exposed PadSeriesPIC? 18FCore ProcessorPICCore Size8-BitSpeed40MHzConnectivityCAN, I2C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTProgram Memory Size16KB (8K x 16)Program Memory TypeFLASHEEPROM Size256 x 8AM Size768 x 8Add Size768 x 8Add SizeA/D 11x10bDerating Temperature-40°C ~ 85°C (TA)Advantig Type-Package / Case44-VQFN Exposed Pad		
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage44-VQFN Exposed PadBaciasPIC? 18FCore ProcessorPICCore Size8-BitSpeed40MHzConnectivityCAN, 12C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTSumber of I/O36Program Memory Size16KB (8K x 16)Program Memory TypeFLASHSEPROM Size256 x 8AM Size768 x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 11x10bDerating Temperature-40°C ~ 85°C (TA)Avounting Type-Package / Case44-QFN (Exposed PadSupplier Device Package44-QFN (8x8)	Manufacturer Part Number	PIC18F4480-I/ML
Enbedded - MicrocontrollersPackage44-VQFN Exposed PadPackagePIC? 18FCore ProcessorPICCore Size8-BitSpeed40MHzConnetivityCAN, 12C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTNumber of I/O36Program Memory Size16KB (8K x 16)Program Memory TypeFLASHEEPROM Size256 x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 11x10bDerating Temperature-40°C ~ 85°C (TA)Package / Case44-VFN Exposed PadSupplier Device Package44-QFN (8x8)	Manufacturer	Microchip Technology
Ackage44-VQFN Exposed PadbereisesPIC? 18FCore ProcessorPICCore Size8-BitCore Size40MHzConnetivityCAN, 12C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTProgram Memory Size16KB (8K x 16)Program Memory TypeFLASHPerBPOM Size256 x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersADI 11x10bDerating Temperature-40°C ~ 85°C (TA)Operating Temperature4.4 VQFN Exposed PadAudouting Type4.4 VQFN Exposed PadSupplier Device Package44-QFN (8x8)	Category	Integrated Circuits (ICs)
SeriesPICCore ProcessorPICCore Size8-BitSpeed40MHzConnectivityCAN, I2C, SPI, UART/USARTConnectivityBrown-out Detect/Reset, HLVD, POR, PWM, WDTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTNumber of I/O36Program Memory Size16KB (8K x 16)Program Memory TypeFLASHEEPROM Size256 x 8AdM Size768 x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 11x10bDerating Temperature-0°C ~ 85°C (TA)Advanting Type-Package / Case44-VQFN Exposed PadSupplier Device Package44-QFN (8x8)		Embedded - Microcontrollers
Core ProcessorPICCore Size8-BitSpeed40MHzConnectivityCAN, 12C, SPI, UART/USARTConnectivityBrown-out Detect/Reset, HLVD, POR, PWM, WDTPeripherals36Program Memory Size16KB (8K x 16)Program Memory TypeFLASHEEPROM Size256 x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 11x10bDerating Temperature4.0°C ~ 85°C (TA)Program Generature4.4-VQFN Exposed PadAdvage / Case44-QFN (8x8)	Package	44-VQFN Exposed Pad
Core Size8-BitSpeed40MHzConnectivityCAN, I2C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTNumber of I/O36Program Memory Size16KB (8K x 16)Program Memory TypeFLASHSEPROM Size256 x 8AdM Size768 x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersInternalDerating Temperature40°C ~ 85°C (TA)Mounting Type-Package / Case44-VQFN Exposed PadSupplier Device Package44-QFN (8x8)	Series	PIC? 18F
Speed40MHzConnectivityCAN, I2C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTNumber of I/O36Program Memory Size16KB (8K x 16)Program Memory TypeFLASHEEPROM Size256 x 8AM Size768 x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 11x10bDerating Temperature-40°C ~ 85°C (TA)Operating Temperature44-VQFN Exposed PadSupplier Device Package44-QFN (8x8)	Core Processor	PIC
Connectivity CAN, I2C, SPI, UART/USART Peripherals Brown-out Detect/Reset, HLVD, POR, PWM, WDT Number of I/O 36 Program Memory Size 16KB (8K x 16) Program Memory Type FLASH 2EPROM Size 256 x 8 AdM Size 768 x 8 Voltage - Supply (Vcc/Vdd) 4.2 V ~ 5.5 V Data Converters A/D 11x10b Derating Temperature -40°C ~ 85°C (TA) Outning Type - Package / Case 44-VQFN Exposed Pad Supplier Device Package 44-QFN (8x8)	Core Size	8-Bit
Peripherals Brown-out Detect/Reset, HLVD, POR, PWM, WDT Number of I/O 36 Program Memory Size 16KB (8K x 16) Program Memory Type FLASH ZEPROM Size 256 x 8 RAM Size 768 x 8 Voltage - Supply (Vcc/Vdd) 4.2 V ~ 5.5 V Data Converters A/D 11x10b Derating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 44-VQFN Exposed Pad Supplier Device Package 44-QFN (8x8)	Speed	40MHz
Number of I/O36Program Memory Size16KB (8K x 16)Program Memory TypeFLASHEEPROM Size256 x 8CAM Size768 x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 11x10bDscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case44-VQFN Exposed PadSupplier Device Package44-QFN (8x8)	Connectivity	CAN, I2C, SPI, UART/USART
Program Memory Size16KB (8K x 16)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size768 x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 11x10bDerating Temperature-40°C ~ 85°C (TA)Porating Type-Package / Case44-VQFN Exposed PadSupplier Device Package44-QFN (8x8)	Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size256 x 8&AM Size768 x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 11x10bDocillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case44-VQFN Exposed PadAupplier Device Package44-QFN (8x8)	Number of I/O	36
EEPROM Size256 x 8EAM Size768 x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 11x10bDecillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case44-VQFN Exposed PadSupplier Device Package44-QFN (8x8)	Program Memory Size	16KB (8K x 16)
RAM Size768 x 8Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 11x10bDscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case44-VQFN Exposed PadSupplier Device Package44-QFN (8x8)	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)4.2 V ~ 5.5 VData ConvertersA/D 11x10bDecillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Aounting Type-Package / Case44-VQFN Exposed PadSupplier Device Package44-QFN (8x8)	EEPROM Size	256 x 8
Data ConvertersA/D 11x10bDecillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-VQFN Exposed PadSupplier Device Package44-QFN (8x8)	RAM Size	768 x 8
Dscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-VQFN Exposed PadSupplier Device Package44-QFN (8x8)	Voltage - Supply (Vcc/Vdd)	4.2 V ~ 5.5 V
Deperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-VQFN Exposed PadSupplier Device Package44-QFN (8x8)	Data Converters	A/D 11x10b
Mounting Type - Package / Case 44-VQFN Exposed Pad Supplier Device Package 44-QFN (8x8)	Oscillator Type	Internal
Package / Case44-VQFN Exposed PadSupplier Device Package44-QFN (8x8)	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package44-QFN (8x8)	Mounting Type	-
	Package / Case	44-VQFN Exposed Pad
Report errors?	Supplier Device Package	44-QFN (8x8)
		Report error

PIC18F4480-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.

PIC18F4480-I/ML Payment Methods



PIC18F4480-I/ML Shipping Methods



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