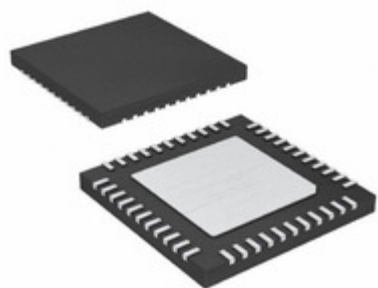


PIC18F4510-I/ML



Images are for reference only.
See Product Specifications for product details.
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Part Number: [PIC18F4510-I/ML](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 32KB FLASH 44QFN

Data sheet:

 [PIC18F2x10, 4x10 Revision B2 Errata](#)

 [PIC18F\(2, 4\)zzz Programming Specification](#)

 [PIC18F2x10, 4x10 Revision B3 Errata](#)

 [PIC18F2x1x, 4x1x Data Sheet Errata](#)

 [PIC18F2x10, 4x10 Revision A1 Errata](#)

 [Timer1 Errata](#)

 [PIC18\(L\)F2x1x, 4x1x Data Sheet](#)

 [PIC18F2x10, 4x10 Rev B4 Errata](#)

RoHs Status: Lead free / RoHS Compliant

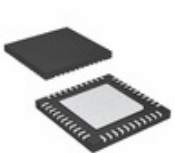
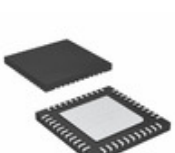
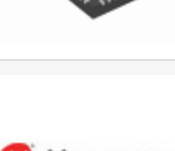
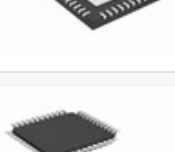
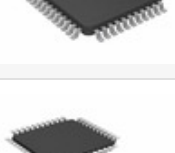
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Request For Quotation

PRODUCT PARAMETER			
Part Number	PIC18F4510-I/ML	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 32KB FLASH 44QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	26153 pcs	Data sheet	PIC18F2x10, 4x10 Revision B2 Errata PIC18F(2, 4)zzz Programming Specification PIC18F2x10, 4x10 Revision B3 Errata PIC18F2x1x, 4x1x Data Sheet Errata PIC18F2x10, 4x10 Revision A1 Errata Timer1 Errata PIC18(L)F2x1x, 4x1x Data Sheet PIC18F2x10, 4x10 Rev B4 Errata

Category	[Integrated Circuits \(ICs\)](#)	Voltage - Supply (Vcc/Vdd)	4.2 V ~ 5.5 V
Supplier Device Package	44-QFN (8x8)	Speed	40MHz
Series	PIC® 18F	RAM Size	1.5K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (16K x 16)
Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Packaging	Tube
Package / Case	44-VQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	36
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	PIC PIC® 18F Microcontroller IC 8-Bit 40MHz 32KB (16K x 16) FLASH 44-QFN (8x8)
Data Converters	A/D 13x10b	Core Size	8-Bit
Core Processor	PIC	Connectivity	I²C, SPI, UART/USART
Base Part Number	PIC18F4510		
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	Part#: PIC18F4515-E/PT Description: IC MCU 8BIT 48KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F44K22-I/ML Description: IC MCU 8BIT 16KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F4515-E/P Description: IC MCU 8BIT 48KB FLASH 40DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F4515-I/ML Description: IC MCU 8BIT 48KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F4510-E/P Description: IC MCU 8BIT 32KB FLASH 40DIP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC18F44K22-I/P Description: IC MCU 8BIT 16KB FLASH 40DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F4515-I/P Description: IC MCU 8BIT 48KB FLASH 40DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F44K22-I/PT Description: IC MCU 8BIT 16KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F4515-E/ML Description: IC MCU 8BIT 48KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F4510T-I/PT Description: IC MCU 8BIT 32KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F44K22-I/MV Description: IC MCU 8BIT 16KB FLASH 40UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F4510T-I/ML Description: IC MCU 8BIT 32KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F44K22T-I/MV Description: IC MCU 8BIT 16KB FLASH 40UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F4510-I/P Description: IC MCU 8BIT 32KB FLASH 40DIP	Manufacturers: Micrel / Microchip Technology	RFQ
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