



Micrel / Microchip Technology

## PIC18F4510T-I/ML

Part Number: PIC18F4510T-I/ML  
 Manufacturer/Brand: Micrel / Microchip Technology  
 Product description: IC MCU 8BIT 32KB FLASH 44QFN  
 Datasheets:  
 1. PIC18F4510T-I/ML.pdf  
 2. PIC18F4510T-I/ML.pdf  
 3. PIC18F4510T-I/ML.pdf  
 4. PIC18F4510T-I/ML.pdf  
 5. PIC18F4510T-I/ML.pdf  
 6. PIC18F4510T-I/ML.pdf  
 7. PIC18F4510T-I/ML.pdf  
 8. PIC18F4510T-I/ML.pdf  
 RoHS Status: Lead free / RoHS Compliant  
 Stock Condition: 24236 pcs stock  
 Request for Quotation: [REQUEST FOR QUOTATION](#)  
 Location: Hong Kong  
 Shipment way: DHL/Fedex/TNT/UPS/EMS

Image may be representation. See specifications for product details.

### Specifications of PIC18F4510T-I/ML

PART NUMBER	PIC18F4510T-I/ML
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 32KB FLASH 44QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	24236 pcs
DATA SHEET	<a href="#">1. PIC18F4510T-I/ML.pdf</a> <a href="#">2. PIC18F4510T-I/ML.pdf</a> <a href="#">3. PIC18F4510T-I/ML.pdf</a> <a href="#">4. PIC18F4510T-I/ML.pdf</a> <a href="#">5. PIC18F4510T-I/ML.pdf</a> <a href="#">6. PIC18F4510T-I/ML.pdf</a> <a href="#">7. PIC18F4510T-I/ML.pdf</a> <a href="#">8. PIC18F4510T-I/ML.pdf</a>
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	Tape & Reel (TR)
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	I <sup>2</sup> C, SPI, UART/USART
BASE PART NUMBER	PIC18F4510

### Related Tags

Micrel / Microchip Technology PIC18F4510T-I/ML	PIC18F4510T-I/ML Distributor	PIC18F4510T-I/ML Supplier
PIC18F4510T-I/ML Price	PIC18F4510T-I/ML Pictures	PIC18F4510T-I/ML Image
PIC18F4510T-I/ML PDF Datasheet	PIC18F4510T-I/ML Download Datasheet	PIC18F4510T-I/ML Datasheet
PIC18F4510T-I/ML Stock	Buy PIC18F4510T-I/ML	Buy Micrel / Microchip Technology PIC18F4510T-I/ML
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Micrel / Microchip Technology PIC18F4510T-I/ML	Microchip Technology PIC18F4510T-I/ML	Roving Networks / Microchip Technology PIC18F4510T-I/ML

### Related Products

 <b>PIC18F4510-E/PT</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 44TQFP In stock: 24723 pcs <a href="#">RFQ</a>	 <b>PIC18F4510-I/PT</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 44TQFP In stock: 25329 pcs <a href="#">RFQ</a>
 <b>PIC18F4515-I/ML</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 48KB FLASH 44QFN In stock: 20382 pcs <a href="#">RFQ</a>	 <b>PIC18F4515-E/ML</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 48KB FLASH 44QFN In stock: 4130 pcs <a href="#">RFQ</a>
 <b>PIC18F4515-I/P</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 48KB FLASH 40DIP In stock: 22609 pcs <a href="#">RFQ</a>	 <b>PIC18F4515-E/PT</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 48KB FLASH 44TQFP In stock: 4324 pcs <a href="#">RFQ</a>
 <b>PIC18F4510-I/ML</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 44QFN In stock: 27528 pcs <a href="#">RFQ</a>	 <b>PIC18F4510-E/ML</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 44QFN In stock: 21698 pcs <a href="#">RFQ</a>
 <b>PIC18F4510-E/P</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 40DIP In stock: 24363 pcs <a href="#">RFQ</a>	 <b>PIC18F4510-I/P</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 40DIP In stock: 21466 pcs <a href="#">RFQ</a>
 <b>PIC18F4510T-I/PT</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 44TQFP In stock: 23187 pcs <a href="#">RFQ</a>	 <b>PIC18F4515-E/P</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 48KB FLASH 40DIP In stock: 22352 pcs <a href="#">RFQ</a>

