




Micrel / Microchip Technology

## PIC18F4523-I/PT

Part Number: PIC18F4523-I/PT  
 Manufacturer/Brand: Micrel / Microchip Technology  
 Product description: IC MCU 8BIT 32KB FLASH 44TQFP  
 Datasheets:  
 1. [PIC18F4523-I/PT.pdf](#)  
 2. [PIC18F4523-I/PT.pdf](#)  
 3. [PIC18F4523-I/PT.pdf](#)  
 4. [PIC18F4523-I/PT.pdf](#)  
 RoHS Status:  Lead free / RoHS Compliant  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.


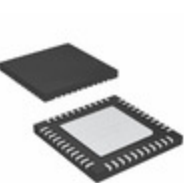

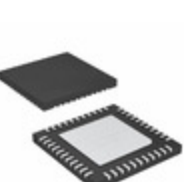
### Specifications of PIC18F4523-I/PT

PART NUMBER	PIC18F4523-I/PT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 32KB FLASH 44TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1. PIC18F4523-I/PT.pdf</a> <a href="#">2. PIC18F4523-I/PT.pdf</a> <a href="#">3. PIC18F4523-I/PT.pdf</a> <a href="#">4. PIC18F4523-I/PT.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	4.2 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	44-TQFP (10x10)
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	Tray
PACKAGE / CASE	44-TQFP
OTHER NAMES	PIC18F4523IPT
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	36
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	9 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	256 x 8
DETAILED DESCRIPTION	PIC PIC® 18F Microcontroller IC 8-Bit 40MHz 32KB (16K x 16) FLASH 44-TQFP (10x10)
DATA CONVERTERS	A/D 13x12b
CORE SIZE	8-Bit
CORE PROCESSOR	PIC
CONNECTIVITY	I <sup>2</sup> C, SPI, UART/USART
BASE PART NUMBER	PIC18F4523

### Related Tags

Micrel / Microchip Technology PIC18F4523-I/PT	PIC18F4523-I/PT Distributor	PIC18F4523-I/PT Supplier
PIC18F4523-I/PT Price	PIC18F4523-I/PT Pictures	PIC18F4523-I/PT Image
PIC18F4523-I/PT PDF Datasheet	PIC18F4523-I/PT Download Datasheet	PIC18F4523-I/PT Datasheet
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Micrel / Microchip Technology PIC18F4523-I/PT	Microchip Technology PIC18F4523-I/PT	Roving Networks / Microchip Technology PIC18F4523-I/PT

### Related Products

 <p><b>PIC18F4520T-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 32KB FLASH 44TQFP                  In stock: 816 pcs  <a href="#">RFQ</a></p>	 <p><b>PIC18F4523-I/P</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 32KB FLASH 40DIP                  In stock: 897 pcs  <a href="#">RFQ</a></p>
 <p><b>PIC18F4523-E/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 32KB FLASH 44QFN                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC18F4525-E/P</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 48KB FLASH 40DIP                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>PIC18F4523-E/P</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 32KB FLASH 40DIP                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC18F4523-E/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 32KB FLASH 44TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>PIC18F4525-E/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 48KB FLASH 44TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC18F4525-I/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 48KB FLASH 44QFN                  In stock: Out stock  <a href="#">RFQ</a></p>
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