



**Micrel / Microchip Technology**

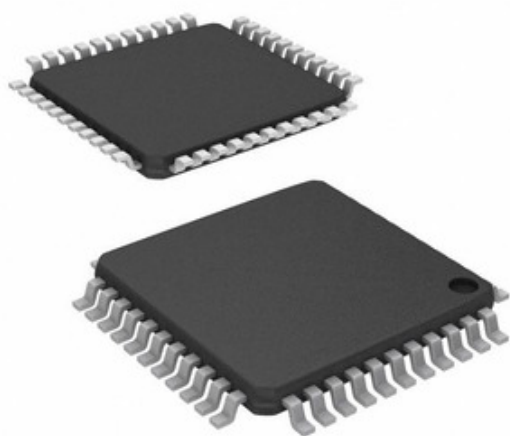


Image may be representation. See specifications for product details.

**PIC18F4320-I/PT**

Part Number:

PIC18F4320-I/PT

Manufacturer/Brand:

Micrel / Microchip Technology

### Product description

IC MCU 8BIT 8KB FLASH 44TQFP

 [1.PIC18F4320-I/PT.pdf](#)

 [2.PIC18F4320-I/PT.pdf](#)

 [3.PIC18F4320-I/PT.pdf](#)

 4.F1C18F4320-1/PI.pdf

Datasheets:

3.FIC16F4320-1/FT.pdf

3 DIC18F4320 I/PT.pdf

8 PIC18E4320-I/PT pdf

 [9.PIC18F4320-I/PT.pdf](#)

RoHS Status

✓ Lead free / RoHS Compliant

## REQUIREMENTS

14231 ncs stock

## REQUEST FOR

Hong Kong

Shipment Way

DHL /Fedex/TNT/UPS/FMS

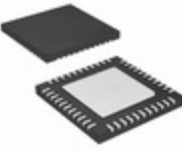
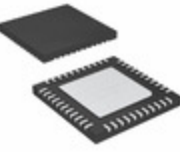
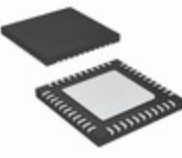
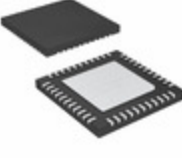
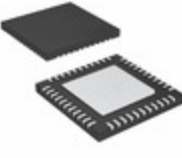
## Specifications of PIC18F4320-I/PT

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC18F4320-I/PT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| DESCRIPTION                      | IC MCU 8BIT 8KB FLASH 44TQFP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| QUANTITY AVAILABLE               | 14231 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| DATA SHEET                       | <div><div></div><div>1.PIC18F4320-I/PT.pdf</div><div></div><div>2.PIC18F4320-I/PT.pdf</div><div></div><div>3.PIC18F4320-I/PT.pdf</div><div></div><div>4.PIC18F4320-I/PT.pdf</div><div></div><div>5.PIC18F4320-I/PT.pdf</div><div></div><div>6.PIC18F4320-I/PT.pdf</div><div></div><div>7.PIC18F4320-I/PT.pdf</div><div></div><div>8.PIC18F4320-I/PT.pdf</div><div></div><div>9.PIC18F4320-I/PT.pdf</div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.2 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 44-TQFP (10x10)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SPEED                            | 40MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| SERIES                           | PIC® 18F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| RAM SIZE                         | 512 x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PROGRAM MEMORY SIZE              | 8KB (4K x 16)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| PERIPHERALS                      | Brown-out Detect/Reset, LVD, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| PACKAGE / CASE                   | 44-TQFP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| OTHER NAMES                      | PIC18F4320IPT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| NUMBER OF I/O                    | 36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| EEPROM SIZE                      | 256 x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DETAILED DESCRIPTION             | PIC PIC® 18F Microcontroller IC 8-Bit 40MHz 8KB (4K x 16) FLASH 44-TQFP (10x10)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| DATA CONVERTERS                  | A/D 13x10b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| BASE PART NUMBER                 | PIC18F4320                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology PIC18F4320-I/PT | PIC18F4320-I/PT Distributor            | PIC18F4320-I/PT Supplier                               |
| PIC18F4320-I/PT Price                         | PIC18F4320-I/PT Pictures               | PIC18F4320-I/PT Image                                  |
| PIC18F4320-I/PT PDF Datasheet                 | PIC18F4320-I/PT Download Datasheet     | PIC18F4320-I/PT Datasheet                              |
| PIC18F4320-I/PT Stock                         | Buy PIC18F4320-I/PT                    | Buy Micrel / Microchip Technology PIC18F4320-I/PT      |
| Micrel / Microchip Technology PIC18F4320-I/PT | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology PIC18F4320-I/PT | Microchip Technology PIC18F4320-I/PT   | Roving Networks / Microchip Technology PIC18F4320-I/PT |

## Related Products

|                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>PIC18F4321-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 44TQFP<br/>In stock: 29629 pcs</p> <p>RFQ</p> |  <p><b>PIC18F4320T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 44TQFP<br/>In stock: 13583 pcs</p> <p>RFQ</p> |
|  <p><b>PIC18F4320-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 44QFN<br/>In stock: 12775 pcs</p> <p>RFQ</p>  |  <p><b>PIC18F4320-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 44QFN<br/>In stock: 15660 pcs</p> <p>RFQ</p>   |
|  <p><b>PIC18F4321-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 44QFN<br/>In stock: 29566 pcs</p> <p>RFQ</p>  |  <p><b>PIC18F4320-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 40DIP<br/>In stock: 16435 pcs</p> <p>RFQ</p>    |
|  <p><b>PIC18F4321-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 44QFN<br/>In stock: 27623 pcs</p> <p>RFQ</p>  |  <p><b>PIC18F4321-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 40DIP<br/>In stock: 26535 pcs</p> <p>RFQ</p>    |
|  <p><b>PIC18F4320T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 44QFN<br/>In stock: 13271 pcs</p> <p>RFQ</p> |  <p><b>PIC18F4320-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 40DIP<br/>In stock: 15987 pcs</p> <p>RFQ</p>    |
|  <p><b>PIC18F4320-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 44TQFP<br/>In stock: 11916 pcs</p> <p>RFQ</p> |  <p><b>PIC18F4221T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 44TQFP<br/>In stock: 28559 pcs</p> <p>RFQ</p> |

