



Micrel / Microchip Technology

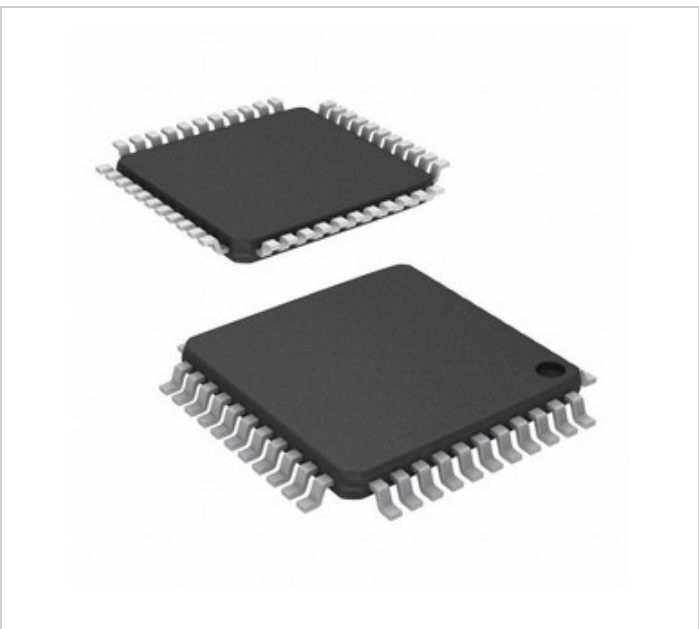


Image may be representation. See specifications for product details.

PIC18F4553T-I/PT

|                     |                                                                                                                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC18F4553T-I/PT                                                                                                                                                                                                           |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                              |
| Product description | IC MCU 8BIT 32KB FLASH 44TQFP <div><div>PDF</div>1.PIC18F4553T-I/PT.pdf<div><div>PDF</div>2.PIC18F4553T-I/PT.pdf<div><div>PDF</div>3.PIC18F4553T-I/PT.pdf<div><div>PDF</div>4.PIC18F4553T-I/PT.pdf</div></div></div></div> |
| Datasheets:         |                                                                                                                                                                                                                            |
| RoHs Status         | <div><div>✓</div>Lead free / RoHS Compliant</div>                                                                                                                                                                          |
| Stock Condition     | 4538 pcs stock                                                                                                                                                                                                             |
| Ship From           | Hong Kong                                                                                                                                                                                                                  |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                      |

REQUEST FOR QUOTATION

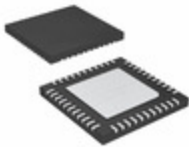
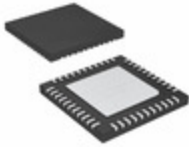
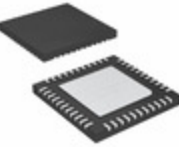
Specifications of PIC18F4553T-I/PT

|                                  |                                                                                                                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC18F4553T-I/PT                                                                                                                                                                             |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 44TQFP                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                   |
| QUANTITY AVAILABLE               | 4538 pcs                                                                                                                                                                                     |
| DATA SHEET                       | <div><div>PDF</div>1.PIC18F4553T-I/PT.pdf<div><div>PDF</div>2.PIC18F4553T-I/PT.pdf<div><div>PDF</div>3.PIC18F4553T-I/PT.pdf<div><div>PDF</div>4.PIC18F4553T-I/PT.pdf</div></div></div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.2 V ~ 5.5 V                                                                                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 44-TQFP (10x10)                                                                                                                                                                              |
| SPEED                            | 48MHz                                                                                                                                                                                        |
| SERIES                           | PIC® 18F                                                                                                                                                                                     |
| RAM SIZE                         | 2K 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-TQFP                                                                                                                                                                                      |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                            |
| NUMBER OF I/O                    | 34                                                                                                                                                                                           |
| 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 48MHz 32KB (16K x 16) FLASH 44-TQFP (10x10)                                                                                                            |
| DATA CONVERTERS                  | A/D 13x12b                                                                                                                                                                                   |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                        |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                          |
| CONNECTIVITY                     | I²C, SPI, UART/USART, USB                                                                                                                                                                    |
| BASE PART NUMBER                 | PIC18F4553                                                                                                                                                                                   |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology PIC18F4553T-I/PT | PIC18F4553T-I/PT Distributor           | PIC18F4553T-I/PT Supplier                               |
| PIC18F4553T-I/PT Price                         | PIC18F4553T-I/PT Pictures              | PIC18F4553T-I/PT Image                                  |
| PIC18F4553T-I/PT PDF Datasheet                 | PIC18F4553T-I/PT Download Datasheet    | PIC18F4553T-I/PT Datasheet                              |
| PIC18F4553T-I/PT Stock                         | Buy PIC18F4553T-I/PT                   | Buy Micrel / Microchip Technology PIC18F4553T-I/PT      |
| Micrel / Microchip Technology PIC18F4553T-I/PT | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology PIC18F4553T-I/PT | Microchip Technology PIC18F4553T-I/PT  | Roving Networks / Microchip Technology PIC18F4553T-I/PT |

Related Products

|                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                   |
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| <div><div></div><div><b>PIC18F458-E/L</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44PLCC<br/>In stock: 10144 pcs</div><div>RFQ</div></div>  | <div><div></div><div><b>PIC18F4550T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 22490 pcs</div><div>RFQ</div></div> |
| <div><div></div><div><b>PIC18F4553-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 40DIP<br/>In stock: 13574 pcs</div><div>RFQ</div></div>  | <div><div></div><div><b>PIC18F4553-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 14454 pcs</div><div>RFQ</div></div>  |
| <div><div></div><div><b>PIC18F458-I/L</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44PLCC<br/>In stock: 12496 pcs</div><div>RFQ</div></div>  | <div><div></div><div><b>PIC18F458-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 40DIP<br/>In stock: 11747 pcs</div><div>RFQ</div></div>     |
| <div><div></div><div><b>PIC18F4553-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44QFN<br/>In stock: 13331 pcs</div><div>RFQ</div></div> | <div><div></div><div><b>PIC18F458-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 11152 pcs</div><div>RFQ</div></div>   |
| <div><div></div><div><b>PIC18F4553T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44QFN<br/>In stock: 6675 pcs</div><div>RFQ</div></div> | <div><div></div><div><b>PIC18F4550T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44QFN<br/>In stock: 20518 pcs</div><div>RFQ</div></div>  |
| <div><div></div><div><b>PIC18F458-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 40DIP<br/>In stock: 15128 pcs</div><div>RFQ</div></div>   | <div><div></div><div><b>PIC18F458-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 11379 pcs</div><div>RFQ</div></div>   |