



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16F15376T-I/PT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16F15376T-I/PT                                                                                            |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 28KB FLASH 44TQFP                                                                                |
|                     |  1.PIC16F15376T-I/PT.pdf    |
|                     |  2.PIC16F15376T-I/PT.pdf    |
|                     |  3.PIC16F15376T-I/PT.pdf    |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         | 87143 pcs stock                                                                                              |
| Stock Condition     | Hong Kong                                                                                                    |
| Ship From           | DHL/Fedex/TNT/UPS/EMS                                                                                        |
| Shipment Way        |                                                                                                              |

REQUEST FOR QUOTATION

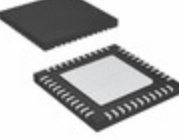
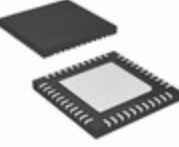
Specifications of PIC16F15376T-I/PT

|                                  |                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16F15376T-I/PT                                                                                                                                                                                                                                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                             |
| DESCRIPTION                      | IC MCU 8BIT 28KB FLASH 44TQFP                                                                                                                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                |
| QUANTITY AVAILABLE               | 87143 pcs                                                                                                                                                                                                                                                                                                                                 |
| DATA SHEET                       |  1.PIC16F15376T-I/PT.pdf<br> 2.PIC16F15376T-I/PT.pdf<br> 3.PIC16F15376T-I/PT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 44-TQFP (10x10)                                                                                                                                                                                                                                                                                                                           |
| SPEED                            | 32MHz                                                                                                                                                                                                                                                                                                                                     |
| SERIES                           | PIC® XLP™ 16F                                                                                                                                                                                                                                                                                                                             |
| RAM SIZE                         | 2K x 8                                                                                                                                                                                                                                                                                                                                    |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                     |
| PROGRAM MEMORY SIZE              | 28KB (16K x 14)                                                                                                                                                                                                                                                                                                                           |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                                                                                                                                     |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                          |
| PACKAGE / CASE                   | 44-TQFP                                                                                                                                                                                                                                                                                                                                   |
| OTHER NAMES                      | PIC16F15376T-I/PT-ND<br>PIC16F15376T-I/PTTR                                                                                                                                                                                                                                                                                               |
| 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                      | 224 x 8                                                                                                                                                                                                                                                                                                                                   |
| DETAILED DESCRIPTION             | PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 32MHz 28KB (16K x 14) FLASH 44-TQFP (10x10)                                                                                                                                                                                                                                                    |
| DATA CONVERTERS                  | A/D 35x10b, D/A 1x5b                                                                                                                                                                                                                                                                                                                      |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                     |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                       |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                              |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology PIC16F15376T-I/PT | PIC16F15376T-I/PT Distributor          | PIC16F15376T-I/PT Supplier                               |
| PIC16F15376T-I/PT Price                         | PIC16F15376T-I/PT Pictures             | PIC16F15376T-I/PT Image                                  |
| PIC16F15376T-I/PT PDF Datasheet                 | PIC16F15376T-I/PT Download Datasheet   | PIC16F15376T-I/PT Datasheet                              |
| PIC16F15376T-I/PT Stock                         | Buy PIC16F15376T-I/PT                  | Buy Micrel / Microchip Technology PIC16F15376T-I/PT      |
| Micrel / Microchip Technology PIC16F15376T-I/PT | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology PIC16F15376T-I/PT | Microchip Technology PIC16F15376T-I/PT | Roving Networks / Microchip Technology PIC16F15376T-I/PT |

Related Products

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|  <div><b>PIC16F15385-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28UQFN<br/>In stock: 95594 pcs</div> <div>RFQ</div>  |  <div><b>PIC16F15376-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 44TQFP<br/>In stock: 62597 pcs</div> <div>RFQ</div>  |
|  <div><b>PIC16F15376-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 40UQFN<br/>In stock: 71866 pcs</div> <div>RFQ</div>  |  <div><b>PIC16F15376T-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 40UQFN<br/>In stock: 75984 pcs</div> <div>RFQ</div> |
|  <div><b>PIC16F15385-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 48TQFP<br/>In stock: 89537 pcs</div> <div>RFQ</div>  |  <div><b>PIC16F15385-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 48TQFP<br/>In stock: 75122 pcs</div> <div>RFQ</div>  |
|  <div><b>PIC16F15376-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 40DIP<br/>In stock: 74192 pcs</div> <div>RFQ</div>    |  <div><b>PIC16F15385T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 48TQFP<br/>In stock: 72412 pcs</div> <div>RFQ</div> |
|  <div><b>PIC16F15376T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 44QFN<br/>In stock: 53693 pcs</div> <div>RFQ</div>  |  <div><b>PIC16F15376-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 44QFN<br/>In stock: 82280 pcs</div> <div>RFQ</div>   |
|  <div><b>PIC16F15385T-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 48UQFN<br/>In stock: 99471 pcs</div> <div>RFQ</div> |  <div><b>PIC16F15385-E/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28UQFN<br/>In stock: 92132 pcs</div> <div>RFQ</div>  |