

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16F874T-20I/PT

Part Number: PIC16F874T-20I/PT

Manufacturer/Brand: Micrel / Microchip Technology

Product description: IC MCU 8BIT 7KB FLASH 44TQFP

1.PIC16F874T-20I/PT.pdf

2.PIC16F874T-20I/PT.pdf

3.PIC16F874T-20I/PT.pdf

4.PIC16F874T-20I/PT.pdf

5.PIC16F874T-20I/PT.pdf

6.PIC16F874T-20I/PT.pdf

7.PIC16F874T-20I/PT.pdf

8.PIC16F874T-20I/PT.pdf

Datasheets:

RoHs Status:  Lead free / RoHS Compliant

Stock Condition: 5080 pcs stock

REQUEST FOR QUOTATION

Hong Kong

Shipment way: DHL/Fedex/TNT/UPS/EMS

Specifications of PIC16F874T-20I/PT

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16F874T-20I/PT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC MCU 8BIT 7KB FLASH 44TQFP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| QUANTITY AVAILABLE               | 5080 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| DATA SHEET                       | <div><div>1.PIC16F874T-20I/PT.pdf</div><div>2.PIC16F874T-20I/PT.pdf</div><div>3.PIC16F874T-20I/PT.pdf</div><div>4.PIC16F874T-20I/PT.pdf</div><div>5.PIC16F874T-20I/PT.pdf</div><div>6.PIC16F874T-20I/PT.pdf</div><div>7.PIC16F874T-20I/PT.pdf</div><div>8.PIC16F874T-20I/PT.pdf</div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 44-TQFP (10x10)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| SPEED                            | 20MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| SERIES                           | PIC® 16F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| RAM SIZE                         | 192 x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| PROGRAM MEMORY SIZE              | 7KB (4K x 14)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| PACKAGE / CASE                   | 44-TQFP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| OSCILLATOR TYPE                  | External                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| NUMBER OF I/O                    | 33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| EEPROM SIZE                      | 128 x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| DETAILED DESCRIPTION             | PIC PIC® 16F Microcontroller IC 8-Bit 20MHz 7KB (4K x 14) FLASH 44-TQFP (10x10)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| BASE PART NUMBER                 | PIC16F874                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology PIC16F874T-20I/PT | PIC16F874T-20I/PT Distributor          | PIC16F874T-20I/PT Supplier                               |
| PIC16F874T-20I/PT Price                         | PIC16F874T-20I/PT Pictures             | PIC16F874T-20I/PT Image                                  |
| PIC16F874T-20I/PT PDF Datasheet                 | PIC16F874T-20I/PT Download Datasheet   | PIC16F874T-20I/PT Datasheet                              |
| PIC16F874T-20I/PT Stock                         | Buy PIC16F874T-20I/PT                  | Buy Micrel / Microchip Technology PIC16F874T-20I/PT      |
| Micrel / Microchip Technology PIC16F874T-20I/PT | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology PIC16F874T-20I/PT | Microchip Technology PIC16F874T-20I/PT | Roving Networks / Microchip Technology PIC16F874T-20I/PT |

Related Products

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>MICROCHIP</div> <div>PIC16F874T-20/L</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 7KB FLASH 44PLCC</div> <div>In stock: 12272 pcs</div> <div>RFQ</div>   | <div>MICROCHIP</div> <div>PIC16F876-04/SP</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 14KB FLASH 28SDIP</div> <div>In stock: 19902 pcs</div> <div>RFQ</div>  |
| <div></div> <div>PIC16F874T-10E/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 7KB FLASH 44TQFP</div> <div>In stock: 3507 pcs</div> <div>RFQ</div>           | <div></div> <div>PIC16F874T-20/PQ</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 7KB FLASH 44MQFP</div> <div>In stock: 13854 pcs</div> <div>RFQ</div>           |
| <div>MICROCHIP</div> <div>PIC16F876-04E/SP</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 14KB FLASH 28SDIP</div> <div>In stock: 14694 pcs</div> <div>RFQ</div> | <div></div> <div>PIC16F874T-20I/PQ</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 7KB FLASH 44MQFP</div> <div>In stock: 6785 pcs</div> <div>RFQ</div>           |
| <div></div> <div>PIC16F876-04I/SO</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 14KB FLASH 28SOIC</div> <div>In stock: 17715 pcs</div> <div>RFQ</div>          | <div></div> <div>PIC16F876-04/SO</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 14KB FLASH 28SOIC</div> <div>In stock: 18814 pcs</div> <div>RFQ</div>           |
| <div></div> <div>PIC16F874T-20/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 7KB FLASH 44TQFP</div> <div>In stock: 4529 pcs</div> <div>RFQ</div>            | <div>MICROCHIP</div> <div>PIC16F876-04I/SP</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 14KB FLASH 28SDIP</div> <div>In stock: 17928 pcs</div> <div>RFQ</div> |
| <div>MICROCHIP</div> <div>PIC16F874T-20I/L</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 7KB FLASH 44PLCC</div> <div>In stock: 5990 pcs</div> <div>RFQ</div>   | <div></div> <div>PIC16F876-04E/SO</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 14KB FLASH 28SOIC</div> <div>In stock: 17851 pcs</div> <div>RFQ</div>          |

