



Micrel / Microchip Technology

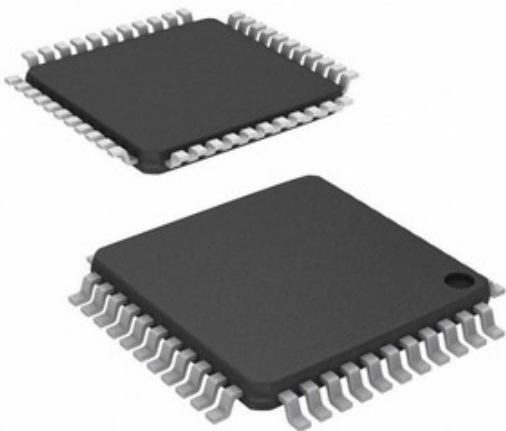


Image may be representation. See specifications for product details.

PIC16F877-10E/PT

Part Number: PIC16F877-10E/PT

Manufacturer/Brand: Micrel / Microchip Technology

Product description: IC MCU 8BIT 14KB FLASH 44TQFP

Datasheets:

1.PIC16F877-10E/PT.pdf

2.PIC16F877-10E/PT.pdf

3.PIC16F877-10E/PT.pdf

4.PIC16F877-10E/PT.pdf

5.PIC16F877-10E/PT.pdf

6.PIC16F877-10E/PT.pdf

7.PIC16F877-10E/PT.pdf

8.PIC16F877-10E/PT.pdf

9.PIC16F877-10E/PT.pdf

RoHs Status

Lead free / RoHS Compliant

REQUEST FOR QUOTATION

9596 pcs stock

Hong Kong

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

Specifications of PIC16F877-10E/PT

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16F877-10E/PT                                                                                                                                                                                                                                                                                                                                                                                                                                |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DESCRIPTION                      | IC MCU 8BIT 14KB FLASH 44TQFP                                                                                                                                                                                                                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                      |
| QUANTITY AVAILABLE               | 9596 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DATA SHEET                       | <div><div>PDF</div>1.PIC16F877-10E/PT.pdf</div> <div><div>PDF</div>2.PIC16F877-10E/PT.pdf</div> <div><div>PDF</div>3.PIC16F877-10E/PT.pdf</div> <div><div>PDF</div>4.PIC16F877-10E/PT.pdf</div> <div><div>PDF</div>5.PIC16F877-10E/PT.pdf</div> <div><div>PDF</div>6.PIC16F877-10E/PT.pdf</div> <div><div>PDF</div>7.PIC16F877-10E/PT.pdf</div> <div><div>PDF</div>8.PIC16F877-10E/PT.pdf</div> <div><div>PDF</div>9.PIC16F877-10E/PT.pdf</div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 44-TQFP (10x10)                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SPEED                            | 10MHz                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SERIES                           | PIC® 16F                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| RAM SIZE                         | 368 x 8                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| PROGRAM MEMORY SIZE              | 14KB (8K x 14)                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                           |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PACKAGE / CASE                   | 44-TQFP                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| OTHER NAMES                      | PIC16F87710E/PT                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| OSCILLATOR TYPE                  | External                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 125°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                      | 256 x 8                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| DETAILED DESCRIPTION             | PIC PIC® 16F Microcontroller IC 8-Bit 10MHz 14KB (8K 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                 | PIC16F877                                                                                                                                                                                                                                                                                                                                                                                                                                       |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology PIC16F877-10E/PT | PIC16F877-10E/PT Distributor           | PIC16F877-10E/PT Supplier                               |
| PIC16F877-10E/PT Price                         | PIC16F877-10E/PT Pictures              | PIC16F877-10E/PT Image                                  |
| PIC16F877-10E/PT PDF Datasheet                 | PIC16F877-10E/PT Download Datasheet    | PIC16F877-10E/PT Datasheet                              |
| PIC16F877-10E/PT Stock                         | Buy PIC16F877-10E/PT                   | Buy Micrel / Microchip Technology PIC16F877-10E/PT      |
| Micrel / Microchip Technology PIC16F877-10E/PT | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology PIC16F877-10E/PT | Microchip Technology PIC16F877-10E/PT  | Roving Networks / Microchip Technology PIC16F877-10E/PT |

Related Products

|                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>PIC16F877-04I/PQ</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 14KB FLASH 44MQFP</div><div>In stock: 13851 pcs</div><div>RFQ</div></div></div> | <div><div><b>PIC16F877-20I/L</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 14KB FLASH 44PLCC</div><div>In stock: 10386 pcs</div><div>RFQ</div></div></div>  |
| <div><div><b>PIC16F877-20I/P</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 14KB FLASH 40DIP</div><div>In stock: 14615 pcs</div><div>RFQ</div></div></div>   | <div><div><b>PIC16F877-10E/P</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 14KB FLASH 40DIP</div><div>In stock: 13497 pcs</div><div>RFQ</div></div></div>   |
| <div><div><b>PIC16F877-20/PT</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 14KB FLASH 44TQFP</div><div>In stock: 10105 pcs</div><div>RFQ</div></div></div>  | <div><div><b>PIC16F877-20/PQ</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 14KB FLASH 44MQFP</div><div>In stock: 13745 pcs</div><div>RFQ</div></div></div>  |
| <div><div><b>PIC16F877-20/P</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 14KB FLASH 40DIP</div><div>In stock: 14373 pcs</div><div>RFQ</div></div></div>    | <div><div><b>PIC16F877-20/L</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 14KB FLASH 44PLCC</div><div>In stock: 10967 pcs</div><div>RFQ</div></div></div>   |
| <div><div><b>PIC16F877-10E/PQ</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 14KB FLASH 44MQFP</div><div>In stock: 9794 pcs</div><div>RFQ</div></div></div>  | <div><div><b>PIC16F877-04I/P</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 14KB FLASH 40DIP</div><div>In stock: 17486 pcs</div><div>RFQ</div></div></div>   |
| <div><div><b>PIC16F877-10E/L</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 14KB FLASH 44PLCC</div><div>In stock: 5586 pcs</div><div>RFQ</div></div></div>   | <div><div><b>PIC16F877-04I/PT</b><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 14KB FLASH 44TQFP</div><div>In stock: 12581 pcs</div><div>RFQ</div></div></div> |

