



Micrel / Microchip Technology

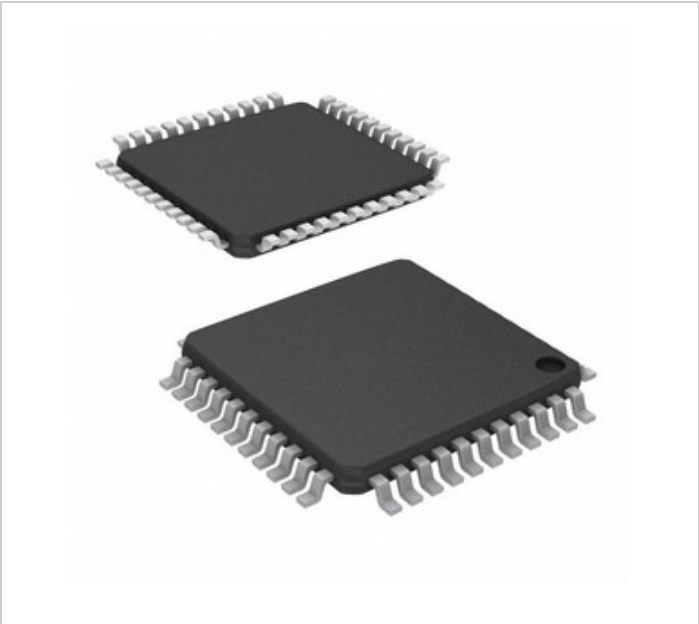


Image may be representation. See specifications for product details.

PIC16C77-20/PT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16C77-20/PT                                                                                               |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 14KB OTP 44TQFP                                                                                  |
|                     | <a href="#">1.PIC16C77-20/PT.pdf</a>                                                                         |
|                     | <a href="#">2.PIC16C77-20/PT.pdf</a>                                                                         |
|                     | <a href="#">3.PIC16C77-20/PT.pdf</a>                                                                         |
|                     | <a href="#">4.PIC16C77-20/PT.pdf</a>                                                                         |
|                     | <a href="#">5.PIC16C77-20/PT.pdf</a>                                                                         |
|                     | <a href="#">6.PIC16C77-20/PT.pdf</a>                                                                         |
|                     |  Lead free / RoHS Compliant |
| RoHs Status         | Hong Kong                                                                                                    |
| Ship From           |                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of PIC16C77-20/PT

|                                  |                                                                                                                                                                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16C77-20/PT                                                                                                                                                                                                                               |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                |
| DESCRIPTION                      | IC MCU 8BIT 14KB OTP 44TQFP                                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                   |
| DATA SHEET                       | <a href="#">1.PIC16C77-20/PT.pdf</a><br><a href="#">2.PIC16C77-20/PT.pdf</a><br><a href="#">3.PIC16C77-20/PT.pdf</a><br><a href="#">4.PIC16C77-20/PT.pdf</a><br><a href="#">5.PIC16C77-20/PT.pdf</a><br><a href="#">6.PIC16C77-20/PT.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4 V ~ 6 V                                                                                                                                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 44-TQFP (10x10)                                                                                                                                                                                                                              |
| SPEED                            | 20MHz                                                                                                                                                                                                                                        |
| SERIES                           | PIC® 16C                                                                                                                                                                                                                                     |
| RAM SIZE                         | 368 x 8                                                                                                                                                                                                                                      |
| PROGRAM MEMORY TYPE              | OTP                                                                                                                                                                                                                                          |
| PROGRAM MEMORY SIZE              | 14KB (8K x 14)                                                                                                                                                                                                                               |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                                        |
| PACKAGING                        | Tray                                                                                                                                                                                                                                         |
| PACKAGE / CASE                   | 44-TQFP                                                                                                                                                                                                                                      |
| OSCILLATOR TYPE                  | External                                                                                                                                                                                                                                     |
| OPERATING TEMPERATURE            | 0°C ~ 70°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                      | -                                                                                                                                                                                                                                            |
| DETAILED DESCRIPTION             | PIC PIC® 16C Microcontroller IC 8-Bit 20MHz 14KB (8K x 14) OTP 44-TQFP (10x10)                                                                                                                                                               |
| DATA CONVERTERS                  | A/D 8x8b                                                                                                                                                                                                                                     |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                        |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                          |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                                                                                                                                                         |
| BASE PART NUMBER                 | PIC16C77                                                                                                                                                                                                                                     |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology PIC16C77-20/PT | PIC16C77-20/PT Distributor             | PIC16C77-20/PT Supplier                               |
| PIC16C77-20/PT Price                         | PIC16C77-20/PT Pictures                | PIC16C77-20/PT Image                                  |
| PIC16C77-20/PT PDF Datasheet                 | PIC16C77-20/PT Download Datasheet      | PIC16C77-20/PT Datasheet                              |
| PIC16C77-20/PT Stock                         | Buy PIC16C77-20/PT                     | Buy Micrel / Microchip Technology PIC16C77-20/PT      |
| Micrel / Microchip Technology PIC16C77-20/PT | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology PIC16C77-20/PT | Microchip Technology PIC16C77-20/PT    | Roving Networks / Microchip Technology PIC16C77-20/PT |

Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>PIC16C77-20I/L</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB OTP 44PLCC<br/>In stock: 106 pcs<br/><b>RFQ</b></div>    |  <div><b>PIC16C77-20E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB OTP 40DIP<br/>In stock: Out stock<br/><b>RFQ</b></div>   |
|  <div><b>PIC16C77-20/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB OTP 40DIP<br/>In stock: 37 pcs<br/><b>RFQ</b></div>       |  <div><b>PIC16C77-20I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB OTP 40DIP<br/>In stock: 22 pcs<br/><b>RFQ</b></div>      |
|  <div><b>PIC16C77-20E/L</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB OTP 44PLCC<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>PIC16C77-20E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB OTP 44TQFP<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>PIC16C77-20E/PQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB OTP 44MQFP<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>PIC16C77-10I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB OTP 44TQFP<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>PIC16C77-10I/PQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB OTP 44MQFP<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>PIC16C77-10I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB OTP 40DIP<br/>In stock: Out stock<br/><b>RFQ</b></div>   |
|  <div><b>PIC16C77-20/L</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB OTP 44PLCC<br/>In stock: 140 pcs<br/><b>RFQ</b></div>     |  <div><b>PIC16C77-20/PQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB OTP 44MQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>  |