

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC17C766T-16/PT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC17C766T-16/PT                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 32KB OTP 80TQFP                                                                                  |
|                     |  1.PIC17C766T-16/PT.pdf     |
|                     |  2.PIC17C766T-16/PT.pdf     |
|                     |  3.PIC17C766T-16/PT.pdf     |
|                     |  4.PIC17C766T-16/PT.pdf     |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3599 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of PIC17C766T-16/PT

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC17C766T-16/PT                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DESCRIPTION                      | IC MCU 8BIT 32KB OTP 80TQFP                                                                                                                                                                                                                                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                           |
| QUANTITY AVAILABLE               | 3599 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| DATA SHEET                       |  1.PIC17C766T-16/PT.pdf<br> 2.PIC17C766T-16/PT.pdf<br> 3.PIC17C766T-16/PT.pdf<br> 4.PIC17C766T-16/PT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 80-TQFP (12x12)                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SPEED                            | 16MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SERIES                           | PIC® 17C                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| RAM SIZE                         | 902 x 8                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| PROGRAM MEMORY TYPE              | OTP                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| PROGRAM MEMORY SIZE              | 32KB (16K x 16)                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 80-TQFP                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| OSCILLATOR TYPE                  | External                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| NUMBER OF I/O                    | 66                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                           |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DETAILED DESCRIPTION             | PIC PIC® 17C Microcontroller IC 8-Bit 16MHz 32KB (16K x 16) OTP 80-TQFP (12x12)                                                                                                                                                                                                                                                                                                                                                                      |
| DATA CONVERTERS                  | A/D 16x10b                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| BASE PART NUMBER                 | PIC17C766                                                                                                                                                                                                                                                                                                                                                                                                                                            |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology PIC17C766T-16/PT | PIC17C766T-16/PT Distributor           | PIC17C766T-16/PT Supplier                               |
| PIC17C766T-16/PT Price                         | PIC17C766T-16/PT Pictures              | PIC17C766T-16/PT Image                                  |
| PIC17C766T-16/PT PDF Datasheet                 | PIC17C766T-16/PT Download Datasheet    | PIC17C766T-16/PT Datasheet                              |
| PIC17C766T-16/PT Stock                         | Buy PIC17C766T-16/PT                   | Buy Micrel / Microchip Technology PIC17C766T-16/PT      |
| Micrel / Microchip Technology PIC17C766T-16/PT | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology PIC17C766T-16/PT | Microchip Technology PIC17C766T-16/PT  | Roving Networks / Microchip Technology PIC17C766T-16/PT |

Related Products

|                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                           |
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|  MICROCHIP<br><b>PIC17C766T-16/L</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 32KB OTP 84PLCC<br>In stock: 2877 pcs<br><b>RFQ</b>   |  MICROCHIP<br><b>PIC17C766T-16I/L</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 32KB OTP 84PLCC<br>In stock: 2860 pcs<br><b>RFQ</b>  |
|  MICROCHIP<br><b>PIC17C766T-16E/L</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 32KB OTP 84PLCC<br>In stock: 4534 pcs<br><b>RFQ</b>  |  MICROCHIP<br><b>PIC17C766T-33/PT</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 32KB OTP 80TQFP<br>In stock: 4615 pcs<br><b>RFQ</b>  |
|  MICROCHIP<br><b>PIC17C766T-33/L</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 32KB OTP 84PLCC<br>In stock: 5044 pcs<br><b>RFQ</b>   |  MICROCHIP<br><b>PIC17C766T-16I/PT</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 32KB OTP 80TQFP<br>In stock: 5401 pcs<br><b>RFQ</b> |
| <br><b>PIC17C766-33I/L</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 32KB OTP 84PLCC<br>In stock: 6487 pcs<br><b>RFQ</b>             | <br><b>PIC17C766/CL</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 32KB EPROM 84CLCC<br>In stock: 6661 pcs<br><b>RFQ</b>              |
|  MICROCHIP<br><b>PIC17C766T-16E/PT</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 32KB OTP 80TQFP<br>In stock: 4395 pcs<br><b>RFQ</b> |  MICROCHIP<br><b>PIC17C766-33E/PT</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 32KB OTP 80TQFP<br>In stock: 5929 pcs<br><b>RFQ</b>  |
|  MICROCHIP<br><b>PIC17C766-33E/L</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 32KB OTP 84PLCC<br>In stock: 4584 pcs<br><b>RFQ</b>   |  MICROCHIP<br><b>PIC17C766-33I/PT</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 32KB OTP 80TQFP<br>In stock: 6520 pcs<br><b>RFQ</b>  |