

MICROCHIP

Micrel / Microchip Technology



PIC18F8493T-I/PT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC18F8493T-I/PT                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 16KB FLASH 80TQFP                                                                                |
|                     |  1.PIC18F8493T-I/PT.pdf     |
|                     |  2.PIC18F8493T-I/PT.pdf     |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 22704 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of PIC18F8493T-I/PT

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC18F8493T-I/PT                                                                                                                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                            |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 80TQFP                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 22704 pcs                                                                                                                                                                                                                |
| DATA SHEET                       |  1.PIC18F8493T-I/PT.pdf<br> 2.PIC18F8493T-I/PT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.2 V ~ 5.5 V                                                                                                                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 80-TQFP (12x12)                                                                                                                                                                                                          |
| SPEED                            | 40MHz                                                                                                                                                                                                                    |
| SERIES                           | PIC® 18F                                                                                                                                                                                                                 |
| RAM SIZE                         | 768 x 8                                                                                                                                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                    |
| PROGRAM MEMORY SIZE              | 16KB (8K x 16)                                                                                                                                                                                                           |
| PERIPHERALS                      | Brown-out Detect/Reset, HLVD, LCD, POR, PWM, WDT                                                                                                                                                                         |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                         |
| PACKAGE / CASE                   | 80-TQFP                                                                                                                                                                                                                  |
| OTHER NAMES                      | PIC18F8493T-I/PTTR                                                                                                                                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°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® 18F Microcontroller IC 8-Bit 40MHz 16KB (8K x 16) FLASH 80-TQFP (12x12)                                                                                                                                         |
| DATA CONVERTERS                  | A/D 12x12b                                                                                                                                                                                                               |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                    |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                      |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                                                                                                                                     |
| BASE PART NUMBER                 | PIC18F8493                                                                                                                                                                                                               |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology PIC18F8493T-I/PT | PIC18F8493T-I/PT Distributor           | PIC18F8493T-I/PT Supplier                               |
| PIC18F8493T-I/PT Price                         | PIC18F8493T-I/PT Pictures              | PIC18F8493T-I/PT Image                                  |
| PIC18F8493T-I/PT PDF Datasheet                 | PIC18F8493T-I/PT Download Datasheet    | PIC18F8493T-I/PT Datasheet                              |
| PIC18F8493T-I/PT Stock                         | Buy PIC18F8493T-I/PT                   | Buy Micrel / Microchip Technology PIC18F8493T-I/PT      |
| Micrel / Microchip Technology PIC18F8493T-I/PT | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology PIC18F8493T-I/PT | Microchip Technology PIC18F8493T-I/PT  | Roving Networks / Microchip Technology PIC18F8493T-I/PT |

Related Products

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|  MICROCHIP<br><b>PIC18F8493-I/PT</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 16KB FLASH 80TQFP<br>In stock: 24363 pcs<br><b>RFQ</b>  |  MICROCHIP<br><b>PIC18F84J90T-I/PT</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 16KB FLASH 80TQFP<br>In stock: 3195 pcs<br><b>RFQ</b> |
|  MICROCHIP<br><b>PIC18F8410-I/PT</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 16KB FLASH 80TQFP<br>In stock: 21708 pcs<br><b>RFQ</b>  |  MICROCHIP<br><b>PIC18F8490-E/PT</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 16KB FLASH 80TQFP<br>In stock: 17875 pcs<br><b>RFQ</b>  |
|  MICROCHIP<br><b>PIC18F8490-I/PT</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 16KB FLASH 80TQFP<br>In stock: 19881 pcs<br><b>RFQ</b>  |  MICROCHIP<br><b>PIC18F8520-E/PT</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 32KB FLASH 80TQFP<br>In stock: 10275 pcs<br><b>RFQ</b>  |
|  MICROCHIP<br><b>PIC18F84J90-I/PT</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 16KB FLASH 80TQFP<br>In stock: 29758 pcs<br><b>RFQ</b> |  MICROCHIP<br><b>PIC18F84J11T-I/PT</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 16KB FLASH 80TQFP<br>In stock: 5609 pcs<br><b>RFQ</b> |
|  MICROCHIP<br><b>PIC18F84J11-I/PT</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 16KB FLASH 80TQFP<br>In stock: 34034 pcs<br><b>RFQ</b> |  MICROCHIP<br><b>PIC18F8490T-I/PT</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 16KB FLASH 80TQFP<br>In stock: 21744 pcs<br><b>RFQ</b> |
|  MICROCHIP<br><b>PIC18F8520-I/PT</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 32KB FLASH 80TQFP<br>In stock: 12085 pcs<br><b>RFQ</b>  |  MICROCHIP<br><b>PIC18F8410T-I/PT</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 16KB FLASH 80TQFP<br>In stock: 3407 pcs<br><b>RFQ</b>  |