

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16F1779-E/PT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16F1779-E/PT                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 28KB FLASH 44TQFP                                                                                |
|                     |  1.PIC16F1779-E/PT.pdf      |
|                     |  2.PIC16F1779-E/PT.pdf      |
|                     |  3.PIC16F1779-E/PT.pdf      |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         | 37968 pcs stock                                                                                              |
| Stock Condition     | Hong Kong                                                                                                    |
| Ship From           | DHL/Fedex/TNT/UPS/EMS                                                                                        |
| Shipment Way        |                                                                                                              |

REQUEST FOR QUOTATION

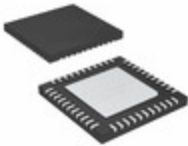
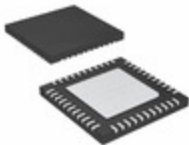
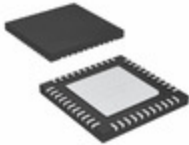
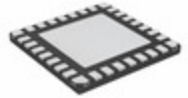
Specifications of PIC16F1779-E/PT

|                                  |                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16F1779-E/PT                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC MCU 8BIT 28KB FLASH 44TQFP                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                          |
| QUANTITY AVAILABLE               | 37968 pcs                                                                                                                                                                                                                                                                                                                           |
| DATA SHEET                       |  1.PIC16F1779-E/PT.pdf<br> 2.PIC16F1779-E/PT.pdf<br> 3.PIC16F1779-E/PT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 44-TQFP (10x10)                                                                                                                                                                                                                                                                                                                     |
| SPEED                            | 32MHz                                                                                                                                                                                                                                                                                                                               |
| SERIES                           | PIC® XLP™ 16F                                                                                                                                                                                                                                                                                                                       |
| RAM SIZE                         | 2K x 8                                                                                                                                                                                                                                                                                                                              |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                               |
| PROGRAM MEMORY SIZE              | 28KB (16K x 14)                                                                                                                                                                                                                                                                                                                     |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                                                                                                                               |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                |
| PACKAGE / CASE                   | 44-TQFP                                                                                                                                                                                                                                                                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                                  |
| NUMBER OF I/O                    | 36                                                                                                                                                                                                                                                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                          |
| EEPROM SIZE                      | 128 x 8                                                                                                                                                                                                                                                                                                                             |
| DETAILED DESCRIPTION             | PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 32MHz 28KB (16K x 14) FLASH 44-TQFP (10x10)                                                                                                                                                                                                                                              |
| DATA CONVERTERS                  | A/D 28x10b, D/A 4x5b, 4x10b                                                                                                                                                                                                                                                                                                         |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                               |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                 |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                        |
| BASE PART NUMBER                 | PIC16F1779                                                                                                                                                                                                                                                                                                                          |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology PIC16F1779-E/PT | PIC16F1779-E/PT Distributor            | PIC16F1779-E/PT Supplier                               |
| PIC16F1779-E/PT Price                         | PIC16F1779-E/PT Pictures               | PIC16F1779-E/PT Image                                  |
| PIC16F1779-E/PT PDF Datasheet                 | PIC16F1779-E/PT Download Datasheet     | PIC16F1779-E/PT Datasheet                              |
| PIC16F1779-E/PT Stock                         | Buy PIC16F1779-E/PT                    | Buy Micrel / Microchip Technology PIC16F1779-E/PT      |
| Micrel / Microchip Technology PIC16F1779-E/PT | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology PIC16F1779-E/PT | Microchip Technology PIC16F1779-E/PT   | Roving Networks / Microchip Technology PIC16F1779-E/PT |

Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                            |
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|  MICROCHIP<br><b>PIC16F1779-E/MV</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 28KB FLASH 40UQFN<br>In stock: 32838 pcs<br><b>RFQ</b>  | <br><b>PIC16F1779-I/ML</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 28KB FLASH 44QFN<br>In stock: 42909 pcs<br><b>RFQ</b>            |
|  MICROCHIP<br><b>PIC16F1779-I/P</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 28KB FLASH 40DIP<br>In stock: 27896 pcs<br><b>RFQ</b>    | <br><b>PIC16F1778T-I/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 28KB FLASH 28SSOP<br>In stock: 57775 pcs<br><b>RFQ</b>          |
| <br><b>PIC16F1779T-I/ML</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 28KB FLASH 44QFN<br>In stock: 43291 pcs<br><b>RFQ</b>            | <br><b>PIC16F1778T-I/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 28KB FLASH 28SOIC<br>In stock: 57389 pcs<br><b>RFQ</b>          |
| <br><b>PIC16F1779-E/ML</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 28KB FLASH 44QFN<br>In stock: 41441 pcs<br><b>RFQ</b>             |  MICROCHIP<br><b>PIC16F1779-E/P</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 28KB FLASH 40DIP<br>In stock: 35273 pcs<br><b>RFQ</b>   |
|  MICROCHIP<br><b>PIC16F1779T-I/MV</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 28KB FLASH 40UQFN<br>In stock: 42357 pcs<br><b>RFQ</b> | <br><b>PIC16F1778T-I/MX</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 28KB FLASH 28UQFN<br>In stock: 47783 pcs<br><b>RFQ</b>          |
| <br><b>PIC16F1779-I/PT</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 28KB FLASH 44TQFP<br>In stock: 37567 pcs<br><b>RFQ</b>            |  MICROCHIP<br><b>PIC16F1779-I/MV</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 28KB FLASH 40UQFN<br>In stock: 38657 pcs<br><b>RFQ</b> |