



Micrel / Microchip Technology

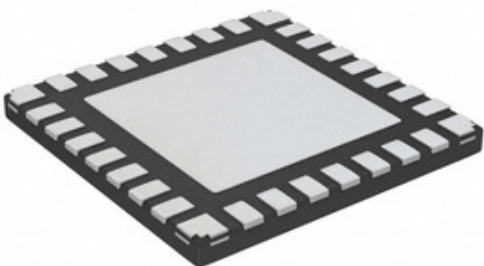


Image may be representation. See specifications for product details.

PIC16F1776-E/MX

Part Number:

PIC16F1776-E/MX

Manufacturer/Brand:

Micrel / Microchip Technology

Product description

IC MCU 8BIT 14KB FLASH 28UQFN

Datasheets:

 1.PIC16F1776-E/MX.pdf

 2.PIC16F1776-E/MX.pdf

RoHs Status

 Lead free / RoHS Compliant

Ship From

Hong Kong

Shipment Way

DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

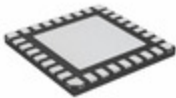
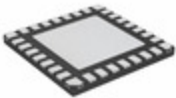
Specifications of PIC16F1776-E/MX

|                                  |                                                                                                                                                                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16F1776-E/MX                                                                                                                                                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                             |
| DESCRIPTION                      | IC MCU 8BIT 14KB FLASH 28UQFN                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                |
| DATA SHEET                       | <div> 1.PIC16F1776-E/MX.pdf</div> <div> 2.PIC16F1776-E/MX.pdf</div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 5.5 V                                                                                                                                                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 28-UQFN (6x6)                                                                                                                                                                                                                             |
| SPEED                            | 32MHz                                                                                                                                                                                                                                     |
| SERIES                           | PIC® XLP™ 16F                                                                                                                                                                                                                             |
| RAM SIZE                         | 1K x 8                                                                                                                                                                                                                                    |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                     |
| PROGRAM MEMORY SIZE              | 14KB (8K x 14)                                                                                                                                                                                                                            |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                                     |
| PACKAGING                        | Tube                                                                                                                                                                                                                                      |
| PACKAGE / CASE                   | 28-UQFN Exposed Pad                                                                                                                                                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                        |
| NUMBER OF I/O                    | 25                                                                                                                                                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                             |
| MANUFACTURER STANDARD LEAD TIME  | 4 Weeks                                                                                                                                                                                                                                   |
| 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 14KB (8K x 14) FLASH 28-UQFN (6x6)                                                                                                                                                       |
| DATA CONVERTERS                  | A/D 17x10b, D/A 3x5b, 3x10b                                                                                                                                                                                                               |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                     |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                       |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                                                                                                                                                                              |
| BASE PART NUMBER                 | PIC16F1776                                                                                                                                                                                                                                |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology PIC16F1776-E/MX | PIC16F1776-E/MX Distributor            | PIC16F1776-E/MX Supplier                               |
| PIC16F1776-E/MX Price                         | PIC16F1776-E/MX Pictures               | PIC16F1776-E/MX Image                                  |
| PIC16F1776-E/MX PDF Datasheet                 | PIC16F1776-E/MX Download Datasheet     | PIC16F1776-E/MX Datasheet                              |
| PIC16F1776-E/MX Stock                         | Buy PIC16F1776-E/MX                    | Buy Micrel / Microchip Technology PIC16F1776-E/MX      |
| Micrel / Microchip Technology PIC16F1776-E/MX | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology PIC16F1776-E/MX | Microchip Technology PIC16F1776-E/MX   | Roving Networks / Microchip Technology PIC16F1776-E/MX |

Related Products

|                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                         |
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| <div></div> <div><b>PIC16F1773T-I/MX</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28UQFN<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>PIC16F1776-I/MX</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28UQFN<br/>In stock: 170 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>PIC16F1773-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28SOIC<br/>In stock: 179 pcs</div> <div>RFQ</div>    | <div></div> <div><b>PIC16F1776-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28SOIC<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>PIC16F1776-E/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28SDIP<br/>In stock: 26 pcs</div> <div>RFQ</div>    | <div></div> <div><b>PIC16F1773T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28SOIC<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>PIC16F1776-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28SSOP<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>PIC16F1773T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28SSOP<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>PIC16F1776-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28SDIP<br/>In stock: 70 pcs</div> <div>RFQ</div>    | <div></div> <div><b>PIC16F1773-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28SDIP<br/>In stock: 13 pcs</div> <div>RFQ</div>     |
| <div></div> <div><b>PIC16F1773-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 28SSOP<br/>In stock: 134 pcs</div> <div>RFQ</div>    | <div></div> <div><b>PIC16F1776-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28SOIC<br/>In stock: Out stock</div> <div>RFQ</div> |