



PIC16LF1777-E/ML

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|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16LF1777-E/ML                                                                                                                                                                                                                                                                                                                                                  |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                     |
| Product description | IC MCU 8BIT 14KB FLASH 44QFN                                                                                                                                                                                                                                                                                                                                      |
| Datasheets:         | <div><div>1.PIC16LF1777-E/ML.pdf</div><div>2.PIC16LF1777-E/ML.pdf</div><div>3.PIC16LF1777-E/ML.pdf</div></div> |
| RoHs Status         | <div>Lead free / RoHS Compliant</div>                                                                                                                                                                                                                                            |
| Stock Condition     | 41105 pcs stock                                                                                                                                                                                                                                                                                                                                                   |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                             |

REQUEST FOR QUOTATION

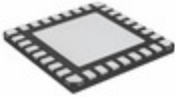
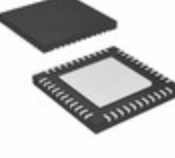
Specifications of PIC16LF1777-E/ML

|                                  |                                                                                                                                                                                                                                                                                                                                                                         |
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| PART NUMBER                      | PIC16LF1777-E/ML                                                                                                                                                                                                                                                                                                                                                        |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                           |
| DESCRIPTION                      | IC MCU 8BIT 14KB FLASH 44QFN                                                                                                                                                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                              |
| QUANTITY AVAILABLE               | 41105 pcs                                                                                                                                                                                                                                                                                                                                                               |
| DATA SHEET                       | <div><div>1.PIC16LF1777-E/ML.pdf</div><div>2.PIC16LF1777-E/ML.pdf</div><div>3.PIC16LF1777-E/ML.pdf</div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 44-QFN (8x8)                                                                                                                                                                                                                                                                                                                                                            |
| 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                   | 44-VQFN Exposed Pad                                                                                                                                                                                                                                                                                                                                                     |
| 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 14KB (8K x 14) FLASH 44-QFN (8x8)                                                                                                                                                                                                                                                                                      |
| DATA CONVERTERS                  | A/D 28x10b, D/A 4x5b, 4x10b                                                                                                                                                                                                                                                                                                                                             |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                   |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                     |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                            |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology PIC16LF1777-E/ML | PIC16LF1777-E/ML Distributor           | PIC16LF1777-E/ML Supplier                               |
| PIC16LF1777-E/ML Price                         | PIC16LF1777-E/ML Pictures              | PIC16LF1777-E/ML Image                                  |
| PIC16LF1777-E/ML PDF Datasheet                 | PIC16LF1777-E/ML Download Datasheet    | PIC16LF1777-E/ML Datasheet                              |
| PIC16LF1777-E/ML Stock                         | Buy PIC16LF1777-E/ML                   | Buy Micrel / Microchip Technology PIC16LF1777-E/ML      |
| Micrel / Microchip Technology PIC16LF1777-E/ML | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology PIC16LF1777-E/ML | Microchip Technology PIC16LF1777-E/ML  | Roving Networks / Microchip Technology PIC16LF1777-E/ML |

Related Products

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| <div></div> <div><b>PIC16LF1776T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28SSOP<br/>In stock: 52694 pcs<br/>RFQ</div> | <div></div> <div><b>PIC16LF1776T-I/MX</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28UQFN<br/>In stock: 50126 pcs<br/>RFQ</div> |
| <div></div> <div><b>PIC16LF1776-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28SSOP<br/>In stock: 50599 pcs<br/>RFQ</div>  | <div></div> <div><b>PIC16LF1776-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28SOIC<br/>In stock: 53317 pcs<br/>RFQ</div>  |
| <div></div> <div><b>PIC16LF1777-E/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 40UQFN<br/>In stock: 35796 pcs<br/>RFQ</div>  | <div></div> <div><b>PIC16LF1777-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 44TQFP<br/>In stock: 36938 pcs<br/>RFQ</div>  |
| <div></div> <div><b>PIC16LF1777-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 40DIP<br/>In stock: 34071 pcs<br/>RFQ</div>    | <div></div> <div><b>PIC16LF1776T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28SOIC<br/>In stock: 57121 pcs<br/>RFQ</div> |
| <div></div> <div><b>PIC16LF1776-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28SDIP<br/>In stock: 44062 pcs<br/>RFQ</div>  | <div></div> <div><b>PIC16LF1777-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 40DIP<br/>In stock: 32157 pcs<br/>RFQ</div>    |
| <div></div> <div><b>PIC16LF1777-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 40UQFN<br/>In stock: 41292 pcs<br/>RFQ</div>  | <div></div> <div><b>PIC16LF1777-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 44QFN<br/>In stock: 35675 pcs<br/>RFQ</div>   |