



Micrel / Microchip Technology

## PIC16F1778-I/SS

|                      |  |
|----------------------|--|
| Part Number:         | PIC16F1778-I/SS  |
| Manufacturer/Brand:  | Micrel / Microchip Technology  |
| Product description: | IC MCU 8BIT 28KB FLASH 28SSOP  |
| Datasheets:          | <a href="#">1.PIC16F1778-I/SS.pdf</a><br><a href="#">2.PIC16F1778-I/SS.pdf</a> |
| RoHS Status:         | Lead free / RoHS Compliant   |
| Stock Condition:     | 53678 pcs stock  |
| Ship From:           | Hong Kong  |
| Shipment Way:        | DHL/Fedex/TNT/UPS/EMS  |

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

### Specifications of PIC16F1778-I/SS

|                                  |  |
|----------------------------------|--|
| PART NUMBER                      | PIC16F1778-I/SS  |
| MANUFACTURER                     | Micrel / Microchip Technology  |
| DESCRIPTION                      | IC MCU 8BIT 28KB FLASH 28SSOP  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant   |
| QUANTITY AVAILABLE               | 53678 pcs  |
| DATA SHEET                       | <a href="#">1.PIC16F1778-I/SS.pdf</a><br><a href="#">2.PIC16F1778-I/SS.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 5.5 V  |
| SUPPLIER DEVICE PACKAGE          | 28-SSOP  |
| 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                        | Tube   |
| PACKAGE / CASE                   | 28-SSOP (0.209", 5.30mm Width)   |
| OSCILLATOR TYPE                  | Internal   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)  |
| NUMBER OF I/O                    | 25   |
| 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 28-SSOP |
| DATA CONVERTERS                  | A/D 17x10b, D/A 3x5b, 3x10b  |
| CORE SIZE                        | 8-Bit  |
| CORE PROCESSOR                   | PIC  |
| CONNECTIVITY                     | I <sup>2</sup> C, LINbus, SPI, UART/USART                                      |
| BASE PART NUMBER                 | PIC16F1778   |

### Related Tags

|   |  |  |
|---|--|--|
| Micrel / Microchip Technology PIC16F1778-I/SS | PIC16F1778-I/SS Distributor            | PIC16F1778-I/SS Supplier                               |
| PIC16F1778-I/SS Price                         | PIC16F1778-I/SS Pictures               | PIC16F1778-I/SS Image                                  |
| PIC16F1778-I/SS PDF Datasheet                 | PIC16F1778-I/SS Download Datasheet     | PIC16F1778-I/SS Datasheet                              |
| PIC16F1778-I/SS Stock                         | Buy PIC16F1778-I/SS                    | Buy Micrel / Microchip Technology PIC16F1778-I/SS      |
| Micrel / Microchip Technology PIC16F1778-I/SS | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology PIC16F1778-I/SS | Microchip Technology PIC16F1778-I/SS   | Roving Networks / Microchip Technology PIC16F1778-I/SS |

### Related Products

|  |  |
|--|--|
| <p><b>PIC16F1778-E/SP</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MCU 8BIT 28KB FLASH 28SDIP<br/>                 In stock: 44414 pcs<br/> <a href="#">RFQ</a></p>  | <p><b>PIC16F1778T-I/SO</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MCU 8BIT 28KB FLASH 28SOIC<br/>                 In stock: 57389 pcs<br/> <a href="#">RFQ</a></p> |
| <p><b>PIC16F1778T-I/SS</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MCU 8BIT 28KB FLASH 28SSOP<br/>                 In stock: 57775 pcs<br/> <a href="#">RFQ</a></p> | <p><b>PIC16F1778-E/SS</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MCU 8BIT 28KB FLASH 28SSOP<br/>                 In stock: 42702 pcs<br/> <a href="#">RFQ</a></p>  |
| <p><b>PIC16F1779-E/P</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MCU 8BIT 28KB FLASH 40DIP<br/>                 In stock: 35273 pcs<br/> <a href="#">RFQ</a></p>    | <p><b>PIC16F1778-I/MX</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MCU 8BIT 28KB FLASH 28UQFN<br/>                 In stock: 55232 pcs<br/> <a href="#">RFQ</a></p>  |
| <p><b>PIC16F1778T-I/MX</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MCU 8BIT 28KB FLASH 28UQFN<br/>                 In stock: 47783 pcs<br/> <a href="#">RFQ</a></p> | <p><b>PIC16F1778-I/SP</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MCU 8BIT 28KB FLASH 28SDIP<br/>                 In stock: 36622 pcs<br/> <a href="#">RFQ</a></p>  |
| <p><b>PIC16F1779-E/MV</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MCU 8BIT 28KB FLASH 40UQFN<br/>                 In stock: 32838 pcs<br/> <a href="#">RFQ</a></p>  | <p><b>PIC16F1779-E/ML</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MCU 8BIT 28KB FLASH 44QFN<br/>                 In stock: 41441 pcs<br/> <a href="#">RFQ</a></p>   |
| <p><b>PIC16F1778-E/SO</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MCU 8BIT 28KB FLASH 28SOIC<br/>                 In stock: 47368 pcs<br/> <a href="#">RFQ</a></p>  | <p><b>PIC16F1778-I/SO</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MCU 8BIT 28KB FLASH 28SOIC<br/>                 In stock: 43873 pcs<br/> <a href="#">RFQ</a></p>  |

