



Micrel / Microchip Technology

PIC16LF1783-I/SO

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| Part Number: | PIC16LF1783-I/SO |
| Manufacturer/Brand: | Micrel / Microchip Technology |
| Product description: | IC MCU 8BIT 7KB FLASH 28SOIC |
| Datasheets: | 1.PIC16LF1783-I/SO.pdf 2.PIC16LF1783-I/SO.pdf 3.PIC16LF1783-I/SO.pdf |
| RoHS Status: | Lead free / RoHS Compliant |
| Stock Condition: | 45336 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 PIC16LF1783-I/SO

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| PART NUMBER | PIC16LF1783-I/SO |
| MANUFACTURER | Micrel / Microchip Technology |
| DESCRIPTION | IC MCU 8BIT 7KB FLASH 28SOIC |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| QUANTITY AVAILABLE | 45336 pcs |
| DATA SHEET | 1.PIC16LF1783-I/SO.pdf 2.PIC16LF1783-I/SO.pdf 3.PIC16LF1783-I/SO.pdf |
| VOLTAGE - SUPPLY (VCC/VDD) | 1.8 V ~ 3.6 V |
| SUPPLIER DEVICE PACKAGE | 28-SOIC |
| SPEED | 32MHz |
| SERIES | PIC® XLP™ 16F |
| RAM SIZE | 512 x 8 |
| PROGRAM MEMORY TYPE | FLASH |
| PROGRAM MEMORY SIZE | 7KB (4K x 14) |
| PERIPHERALS | Brown-out Detect/Reset, POR, PSMC, PWM, WDT |
| PACKAGING | Tube |
| PACKAGE / CASE | 28-SOIC (0.295", 7.50mm Width) |
| OTHER NAMES | PIC16LF1783ISO |
| OSCILLATOR TYPE | Internal |
| OPERATING TEMPERATURE | -40°C ~ 85°C (TA) |
| NUMBER OF I/O | 24 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited) |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| EEPROM SIZE | 256 x 8 |
| DETAILED DESCRIPTION | PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 32MHz 7KB (4K x 14) FLASH 28-SOIC |
| DATA CONVERTERS | A/D 11x12b, D/A 1x8b |
| CORE SIZE | 8-Bit |
| CORE PROCESSOR | PIC |
| CONNECTIVITY | I ² C, LINbus, SPI, UART/USART |
| BASE PART NUMBER | PIC16LF1783 |

Related Tags

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Related Products

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| <p>PIC16LF1783T-I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 7KB FLASH 28SOIC In stock: 62062 pcs RFQ</p> | <p>PIC16LF1783T-I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 7KB FLASH 28QFN In stock: 50029 pcs RFQ</p> |
| <p>PIC16LF1783-I/MV Manufacturers: Microchip Technology Description: IC MCU 8BIT 7KB FLASH 28UQFN In stock: 50063 pcs RFQ</p> | <p>PIC16LF1783-E/SS Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 7KB FLASH 28SSOP In stock: 49192 pcs RFQ</p> |
| <p>PIC16LF1783T-I/MV Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 7KB FLASH 28UQFN In stock: 49324 pcs RFQ</p> | <p>PIC16LF1783-E/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 7KB FLASH 28SOIC In stock: 63092 pcs RFQ</p> |
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