



Micrel / Microchip Technology

## PIC18LF2331T-I/MM

Part Number: PIC18LF2331T-I/MM  
 Manufacturer/Brand: Micrel / Microchip Technology  
 Product description: IC MCU 8BIT 8KB FLASH 28QFN  
 Datasheets:  
 1. [PIC18LF2331T-I/MM.pdf](#)  
 2. [PIC18LF2331T-I/MM.pdf](#)  
 3. [PIC18LF2331T-I/MM.pdf](#)  
 4. [PIC18LF2331T-I/MM.pdf](#)  
 5. [PIC18LF2331T-I/MM.pdf](#)  
 6. [PIC18LF2331T-I/MM.pdf](#)  
 7. [PIC18LF2331T-I/MM.pdf](#)  
 8. [PIC18LF2331T-I/MM.pdf](#)  
 RoHs Status: Lead free / RoHS Compliant  
 Ship From: Hong Kong  
[REQUEST FOR QUOTATION](#)  
 DHL/Fedex/TNT/UPS/EMS

Image may be representation. See specifications for product details.

### Specifications of PIC18LF2331T-I/MM

|                                  |  |
|----------------------------------|--|
| PART NUMBER                      | PIC18LF2331T-I/MM  |
| MANUFACTURER                     | Micrel / Microchip Technology  |
| DESCRIPTION                      | IC MCU 8BIT 8KB FLASH 28QFN  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant   |
| DATA SHEET                       | <a href="#">1. PIC18LF2331T-I/MM.pdf</a><br><a href="#">2. PIC18LF2331T-I/MM.pdf</a><br><a href="#">3. PIC18LF2331T-I/MM.pdf</a><br><a href="#">4. PIC18LF2331T-I/MM.pdf</a><br><a href="#">5. PIC18LF2331T-I/MM.pdf</a><br><a href="#">6. PIC18LF2331T-I/MM.pdf</a><br><a href="#">7. PIC18LF2331T-I/MM.pdf</a><br><a href="#">8. PIC18LF2331T-I/MM.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 5.5 V  |
| SUPPLIER DEVICE PACKAGE          | 28-QFN-S (6x6)   |
| SPEED                            | 40MHz  |
| SERIES                           | PIC® 18F   |
| RAM SIZE                         | 768 x 8  |
| PROGRAM MEMORY TYPE              | FLASH  |
| PROGRAM MEMORY SIZE              | 8KB (4K x 16)  |
| PERIPHERALS                      | Brown-out Detect/Reset, LVD, Power Control PWM, QEI, POR, PWM, WDT   |
| PACKAGING                        | Tape & Reel (TR)   |
| PACKAGE / CASE                   | 28-VQFN Exposed Pad  |
| OSCILLATOR TYPE                  | Internal   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)  |
| NUMBER OF I/O                    | 24   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)  |
| MANUFACTURER STANDARD LEAD TIME  | 20 Weeks   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant   |
| EEPROM SIZE                      | 256 x 8  |
| DETAILED DESCRIPTION             | PIC PIC® 18F Microcontroller IC 8-Bit 40MHz 8KB (4K x 16) FLASH 28-QFN-S (6x6)   |
| DATA CONVERTERS                  | A/D 5x10b  |
| CORE SIZE                        | 8-Bit  |
| CORE PROCESSOR                   | PIC  |
| CONNECTIVITY                     | I <sup>2</sup> C, SPI, UART/USART  |
| BASE PART NUMBER                 | PIC18LF2331  |

### Related Tags

|   |  |  |
|---|--|--|
| Micrel / Microchip Technology PIC18LF2331T-I/MM | PIC18LF2331T-I/MM Distributor          | PIC18LF2331T-I/MM Supplier                               |
| PIC18LF2331T-I/MM Price                         | PIC18LF2331T-I/MM Pictures             | PIC18LF2331T-I/MM Image                                  |
| PIC18LF2331T-I/MM PDF Datasheet                 | PIC18LF2331T-I/MM Download Datasheet   | PIC18LF2331T-I/MM Datasheet                              |
| PIC18LF2331T-I/MM Stock                         | Buy PIC18LF2331T-I/MM                  | Buy Micrel / Microchip Technology PIC18LF2331T-I/MM      |
| Micrel / Microchip Technology PIC18LF2331T-I/MM | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology PIC18LF2331T-I/MM | Microchip Technology PIC18LF2331T-I/MM | Roving Networks / Microchip Technology PIC18LF2331T-I/MM |

### Related Products

|   |   |
|---|---|
| <br><b>PIC18LF23K22-E/ML</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 8KB FLASH 28QFN<br>In stock: Out stock<br><a href="#">RFQ</a>  | <br><b>PIC18LF2331-I/SP</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 8KB FLASH 28SDIP<br>In stock: Out stock<br><a href="#">RFQ</a>  |
| <br><b>PIC18LF23K22-E/SP</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 8KB FLASH 28SDIP<br>In stock: Out stock<br><a href="#">RFQ</a> | <br><b>PIC18LF2321T-I/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 8KB FLASH 28SSOP<br>In stock: Out stock<br><a href="#">RFQ</a> |
| <br><b>PIC18LF2331T-I/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 8KB FLASH 28SOIC<br>In stock: Out stock<br><a href="#">RFQ</a> | <br><b>PIC18LF2331T-I/ML</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 8KB FLASH 28QFN<br>In stock: Out stock<br><a href="#">RFQ</a>  |
| <br><b>PIC18LF23K22-E/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 8KB FLASH 28SOIC<br>In stock: Out stock<br><a href="#">RFQ</a> | <br><b>PIC18LF23K22-E/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 8KB FLASH 28SSOP<br>In stock: Out stock<br><a href="#">RFQ</a> |
| <br><b>PIC18LF2321T-I/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 8KB FLASH 28SOIC<br>In stock: Out stock<br><a href="#">RFQ</a> | <br><b>PIC18LF23K22-E/MV</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 8KB FLASH 28UQFN<br>In stock: Out stock<br><a href="#">RFQ</a> |
| <br><b>PIC18LF2331-I/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 8KB FLASH 28SOIC<br>In stock: Out stock<br><a href="#">RFQ</a>  | <br><b>PIC18LF2331-I/MM</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 8KB FLASH 28QFN<br>In stock: Out stock<br><a href="#">RFQ</a>   |



