

MICROCHIP

Micrel / Microchip Technology

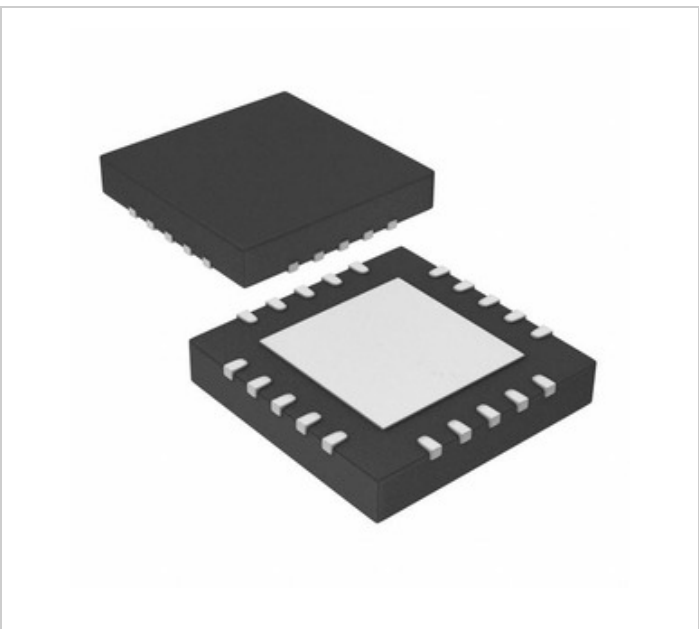


Image may be representation. See specifications for product details.

PIC18F14K50-I/MQ

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC18F14K50-I/MQ                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 16KB FLASH 20QFN                                                                                 |
|                     |  1.PIC18F14K50-I/MQ.pdf     |
|                     |  2.PIC18F14K50-I/MQ.pdf     |
|                     |  3.PIC18F14K50-I/MQ.pdf     |
|                     |  4.PIC18F14K50-I/MQ.pdf     |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 38571 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

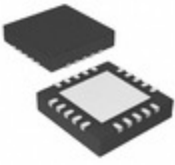
Specifications of PIC18F14K50-I/MQ

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC18F14K50-I/MQ                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 20QFN                                                                                                                                                                                                                                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                           |
| QUANTITY AVAILABLE               | 38571 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| DATA SHEET                       |  1.PIC18F14K50-I/MQ.pdf<br> 2.PIC18F14K50-I/MQ.pdf<br> 3.PIC18F14K50-I/MQ.pdf<br> 4.PIC18F14K50-I/MQ.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 20-QFN (5x5)                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| SPEED                            | 48MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SERIES                           | PIC® XLP™ 18K                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| RAM SIZE                         | 768 x 8                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| PROGRAM MEMORY SIZE              | 16KB (8K x 16)                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 20-VQFN Exposed Pad                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| OTHER NAMES                      | PIC18F14K50IMQ                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 14                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 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™ 18K Microcontroller IC 8-Bit 48MHz 16KB (8K x 16) FLASH 20-QFN (5x5)                                                                                                                                                                                                                                                                                                                                                                   |
| DATA CONVERTERS                  | A/D 11x10b                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| CONNECTIVITY                     | I²C, SPI, UART/USART, USB                                                                                                                                                                                                                                                                                                                                                                                                                            |
| BASE PART NUMBER                 | PIC18F14K50                                                                                                                                                                                                                                                                                                                                                                                                                                          |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology PIC18F14K50-I/MQ | PIC18F14K50-I/MQ Distributor           | PIC18F14K50-I/MQ Supplier                               |
| PIC18F14K50-I/MQ Price                         | PIC18F14K50-I/MQ Pictures              | PIC18F14K50-I/MQ Image                                  |
| PIC18F14K50-I/MQ PDF Datasheet                 | PIC18F14K50-I/MQ Download Datasheet    | PIC18F14K50-I/MQ Datasheet                              |
| PIC18F14K50-I/MQ Stock                         | Buy PIC18F14K50-I/MQ                   | Buy Micrel / Microchip Technology PIC18F14K50-I/MQ      |
| Micrel / Microchip Technology PIC18F14K50-I/MQ | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology PIC18F14K50-I/MQ | Microchip Technology PIC18F14K50-I/MQ  | Roving Networks / Microchip Technology PIC18F14K50-I/MQ |

Related Products

|                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                    |
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|  MICROCHIP<br><b>PIC18F14K50T-I/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 16KB FLASH 20SSOP<br>In stock: 36547 pcs<br><b>RFQ</b> | <br><b>PIC18F14K50-I/P</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 16KB FLASH 20DIP<br>In stock: 34533 pcs<br><b>RFQ</b>    |
| <br><b>PIC18F2220-E/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 4KB FLASH 28SOIC<br>In stock: 18036 pcs<br><b>RFQ</b>              | <br><b>PIC18F14K22T-I/ML</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 16KB FLASH 20QFN<br>In stock: 53050 pcs<br><b>RFQ</b>  |
|  MICROCHIP<br><b>PIC18F14K22T-I/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 16KB FLASH 20SSOP<br>In stock: 53075 pcs<br><b>RFQ</b> | <br><b>PIC18F14K22T-I/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 16KB FLASH 20SOIC<br>In stock: 64290 pcs<br><b>RFQ</b> |
|  MICROCHIP<br><b>PIC18F14K50-I/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 16KB FLASH 20SSOP<br>In stock: 41627 pcs<br><b>RFQ</b>  | <br><b>PIC18F14K50-I/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 16KB FLASH 20SOIC<br>In stock: 42098 pcs<br><b>RFQ</b>  |
| <br><b>PIC18F14K22-I/P</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 16KB FLASH 20DIP<br>In stock: 40898 pcs<br><b>RFQ</b>              | <br><b>PIC18F14K22-I/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 16KB FLASH 20SOIC<br>In stock: 46942 pcs<br><b>RFQ</b>  |
|  MICROCHIP<br><b>PIC18F14K22-I/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 16KB FLASH 20SSOP<br>In stock: 61307 pcs<br><b>RFQ</b>  | <br><b>PIC18F14K50T-I/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 16KB FLASH 20SOIC<br>In stock: 53356 pcs<br><b>RFQ</b> |