



Micrel / Microchip Technology

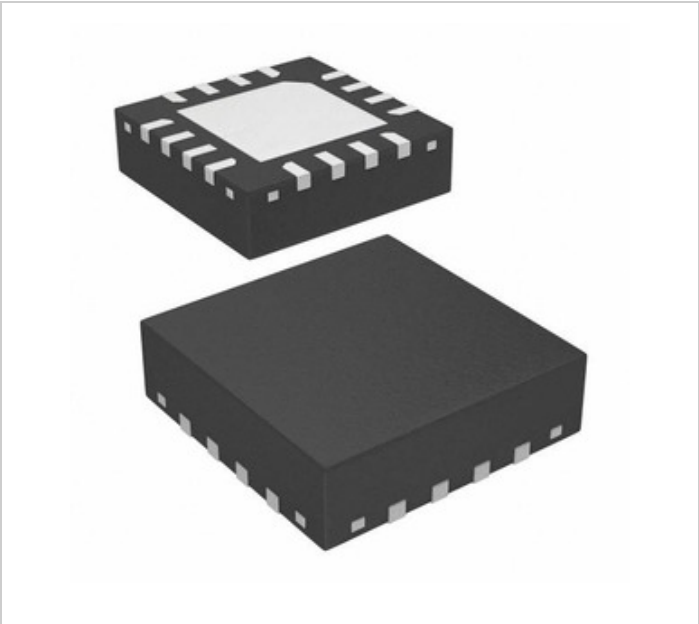


Image may be representation. See specifications for product details.

PIC16F1503-I/MV

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16F1503-I/MV                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 3.5KB FLASH 16UQFN                                                                               |
|                     | <a href="#">1.PIC16F1503-I/MV.pdf</a>                                                                        |
|                     | <a href="#">2.PIC16F1503-I/MV.pdf</a>                                                                        |
|                     | <a href="#">3.PIC16F1503-I/MV.pdf</a>                                                                        |
|                     | <a href="#">4.PIC16F1503-I/MV.pdf</a>                                                                        |
|                     | <a href="#">5.PIC16F1503-I/MV.pdf</a>                                                                        |
| Datasheets:         |                                                                                                              |
|                     |                                                                                                              |
|                     |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

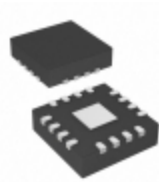
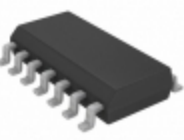
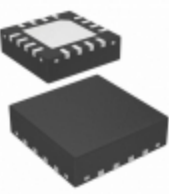
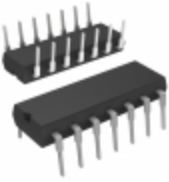
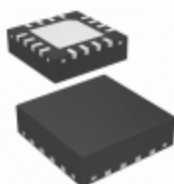
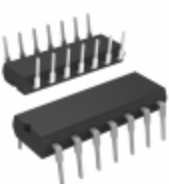
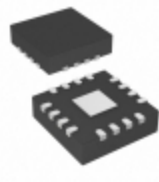
Specifications of PIC16F1503-I/MV

|                                  |                                                                                                                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16F1503-I/MV                                                                                                                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                             |
| DESCRIPTION                      | IC MCU 8BIT 3.5KB FLASH 16UQFN                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                |
| DATA SHEET                       | <a href="#">1.PIC16F1503-I/MV.pdf</a><br><a href="#">2.PIC16F1503-I/MV.pdf</a><br><a href="#">3.PIC16F1503-I/MV.pdf</a><br><a href="#">4.PIC16F1503-I/MV.pdf</a><br><a href="#">5.PIC16F1503-I/MV.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 5.5 V                                                                                                                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 16-UQFN (3x3)                                                                                                                                                                                             |
| SPEED                            | 20MHz                                                                                                                                                                                                     |
| SERIES                           | PIC® 16F                                                                                                                                                                                                  |
| RAM SIZE                         | 128 x 8                                                                                                                                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                     |
| PROGRAM MEMORY SIZE              | 3.5KB (2K x 14)                                                                                                                                                                                           |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                     |
| PACKAGING                        | Tube                                                                                                                                                                                                      |
| PACKAGE / CASE                   | 16-UFQFN Exposed Pad                                                                                                                                                                                      |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                         |
| NUMBER OF I/O                    | 11                                                                                                                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                             |
| MANUFACTURER STANDARD LEAD TIME  | 16 Weeks                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                |
| EEPROM SIZE                      | -                                                                                                                                                                                                         |
| DETAILED DESCRIPTION             | PIC PIC® 16F Microcontroller IC 8-Bit 20MHz 3.5KB (2K x 14) FLASH 16-UQFN (3x3)                                                                                                                           |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                                                                                                                 |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                     |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                       |
| CONNECTIVITY                     | I²C, SPI                                                                                                                                                                                                  |
| BASE PART NUMBER                 | PIC16F1503                                                                                                                                                                                                |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology PIC16F1503-I/MV | PIC16F1503-I/MV Distributor            | PIC16F1503-I/MV Supplier                               |
| PIC16F1503-I/MV Price                         | PIC16F1503-I/MV Pictures               | PIC16F1503-I/MV Image                                  |
| PIC16F1503-I/MV PDF Datasheet                 | PIC16F1503-I/MV Download Datasheet     | PIC16F1503-I/MV Datasheet                              |
| PIC16F1503-I/MV Stock                         | Buy PIC16F1503-I/MV                    | Buy Micrel / Microchip Technology PIC16F1503-I/MV      |
| Micrel / Microchip Technology PIC16F1503-I/MV | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology PIC16F1503-I/MV | Microchip Technology PIC16F1503-I/MV   | Roving Networks / Microchip Technology PIC16F1503-I/MV |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>PIC16F1503-E/MG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 16QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>   |  <div><b>PIC16F1503-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 14SOIC<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>PIC16F1503T-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 14SOIC<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>PIC16F1503T-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 16UQFN<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>PIC16F1503-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 14TSSOP<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>PIC16F1503T-I/MG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 16QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>PIC16F1503-E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 14TSSOP<br/>In stock: 878 pcs<br/><b>RFQ</b></div>   |  <div><b>PIC16F1503-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 14DIP<br/>In stock: Out stock<br/><b>RFQ</b></div>    |
|  <div><b>PIC16F1503-E/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 16UQFN<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>PIC16F1503-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 14DIP<br/>In stock: 959 pcs<br/><b>RFQ</b></div>      |
|  <div><b>PIC16F1503-I/MG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 16QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>   |  <div><b>PIC16F1503-E/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 14SOIC<br/>In stock: 275 pcs<br/><b>RFQ</b></div>    |