



Micrel / Microchip Technology

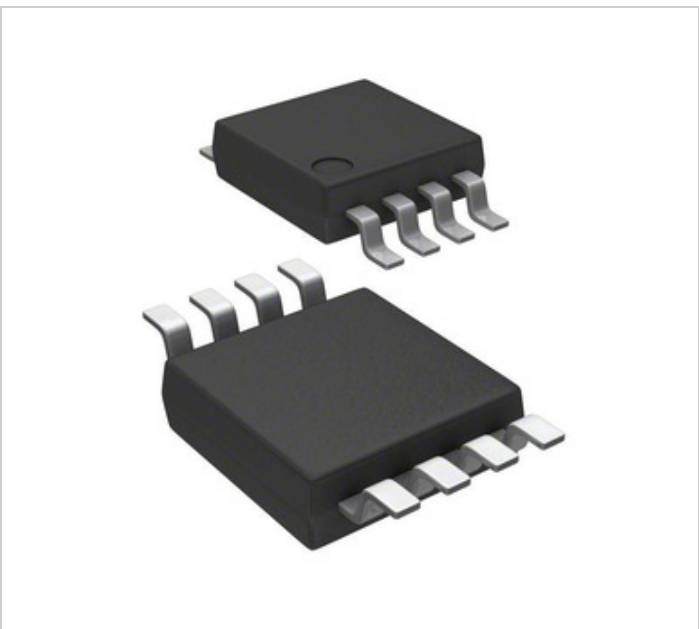


Image may be representation. See specifications for product details.

PIC12F519-I/MS

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC12F519-I/MS                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Product description | IC MCU 8BIT 1.5KB FLASH 8MSOP                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Datasheets:         | <div><div>1.PIC12F519-I/MS.pdf</div><div>2.PIC12F519-I/MS.pdf</div><div>3.PIC12F519-I/MS.pdf</div><div>4.PIC12F519-I/MS.pdf</div></div> |
| RoHs Status         | <div><div></div>Lead free / RoHS Compliant</div>                                                                                                                                                                                                                                                                                                                                           |
| Stock Condition     | 141344 pcs stock                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

REQUEST FOR QUOTATION

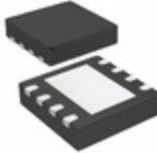
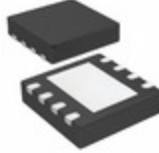
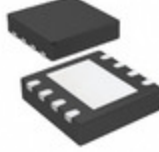
Specifications of PIC12F519-I/MS

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC12F519-I/MS                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC MCU 8BIT 1.5KB FLASH 8MSOP                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| QUANTITY AVAILABLE               | 141344 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| DATA SHEET                       | <div><div>1.PIC12F519-I/MS.pdf</div><div>2.PIC12F519-I/MS.pdf</div><div>3.PIC12F519-I/MS.pdf</div><div>4.PIC12F519-I/MS.pdf</div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 8-MSOP                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| SPEED                            | 8MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SERIES                           | PIC® 12F                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| RAM SIZE                         | 41 x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| PROGRAM MEMORY SIZE              | 1.5KB (1K x 12)                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PERIPHERALS                      | POR, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| PACKAGE / CASE                   | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| OTHER NAMES                      | PIC12F519IMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| NUMBER OF I/O                    | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DETAILED DESCRIPTION             | PIC PIC® 12F Microcontroller IC 8-Bit 8MHz 1.5KB (1K x 12) FLASH 8-MSOP                                                                                                                                                                                                                                                                                                                                                                                                             |
| DATA CONVERTERS                  | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| CONNECTIVITY                     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| BASE PART NUMBER                 | PIC12F519                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology PIC12F519-I/MS | PIC12F519-I/MS Distributor             | PIC12F519-I/MS Supplier                               |
| PIC12F519-I/MS Price                         | PIC12F519-I/MS Pictures                | PIC12F519-I/MS Image                                  |
| PIC12F519-I/MS PDF Datasheet                 | PIC12F519-I/MS Download Datasheet      | PIC12F519-I/MS Datasheet                              |
| PIC12F519-I/MS Stock                         | Buy PIC12F519-I/MS                     | Buy Micrel / Microchip Technology PIC12F519-I/MS      |
| Micrel / Microchip Technology PIC12F519-I/MS | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology PIC12F519-I/MS | Microchip Technology PIC12F519-I/MS    | Roving Networks / Microchip Technology PIC12F519-I/MS |

Related Products

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| <div></div> <div><b>PIC12F519-E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 8MSOP<br/>In stock: 126530 pcs<br/>RFQ</div>  | <div></div> <div><b>PIC12F529T39A-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU FLASH 8BIT 2.3KB 14TSSOP<br/>In stock: 73536 pcs<br/>RFQ</div> |
| <div></div> <div><b>PIC12F519-E/P</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 8DIP<br/>In stock: 124150 pcs<br/>RFQ</div>             | <div></div> <div><b>PIC12F519-I/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 8DFN<br/>In stock: 132791 pcs<br/>RFQ</div>       |
| <div></div> <div><b>PIC12F519-E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 8DFN<br/>In stock: 148799 pcs<br/>RFQ</div>   | <div></div> <div><b>PIC12F519-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 8DIP<br/>In stock: 141399 pcs<br/>RFQ</div>        |
| <div></div> <div><b>PIC12F519-I/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 8SOIC<br/>In stock: 138929 pcs<br/>RFQ</div>  | <div></div> <div><b>PIC12F519T-I/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 8SOIC<br/>In stock: 144149 pcs<br/>RFQ</div>     |
| <div></div> <div><b>PIC12F510T-I/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 8SOIC<br/>In stock: 139650 pcs<br/>RFQ</div> | <div></div> <div><b>PIC12F519-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 8SOIC<br/>In stock: 139762 pcs<br/>RFQ</div>      |
| <div></div> <div><b>PIC12F519T-I/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 8DFN<br/>In stock: 120631 pcs<br/>RFQ</div>  | <div></div> <div><b>PIC12F519T-I/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 8MSOP<br/>In stock: 134269 pcs<br/>RFQ</div>     |