



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC12LC509A-04I/MF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC12LC509A-04I/MF                                                                                           |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 1.5KB OTP 8DFN                                                                                   |
| Datasheets:         |  1.PIC12LC509A-04I/MF.pdf   |
|                     |  2.PIC12LC509A-04I/MF.pdf   |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 7096 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

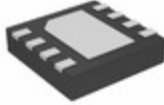
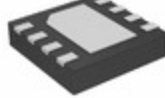
Specifications of PIC12LC509A-04I/MF

|                                  |                                                                                                                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC12LC509A-04I/MF                                                                                                                                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                |
| DESCRIPTION                      | IC MCU 8BIT 1.5KB OTP 8DFN                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                   |
| QUANTITY AVAILABLE               | 7096 pcs                                                                                                                                                                                                                     |
| DATA SHEET                       |  1.PIC12LC509A-04I/MF.pdf<br> 2.PIC12LC509A-04I/MF.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.5 V ~ 5.5 V                                                                                                                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 8-DFN-EP (3x3)                                                                                                                                                                                                               |
| SPEED                            | 4MHz                                                                                                                                                                                                                         |
| SERIES                           | PIC® 12C                                                                                                                                                                                                                     |
| RAM SIZE                         | 41 x 8                                                                                                                                                                                                                       |
| PROGRAM MEMORY TYPE              | OTP                                                                                                                                                                                                                          |
| PROGRAM MEMORY SIZE              | 1.5KB (1K x 12)                                                                                                                                                                                                              |
| PERIPHERALS                      | POR, WDT                                                                                                                                                                                                                     |
| PACKAGING                        | Tube                                                                                                                                                                                                                         |
| PACKAGE / CASE                   | 8-VDFN Exposed Pad                                                                                                                                                                                                           |
| OTHER NAMES                      | PIC12LC509A04I/MF                                                                                                                                                                                                            |
| 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® 12C Microcontroller IC 8-Bit 4MHz 1.5KB (1K x 12) OTP 8-DFN-EP (3x3)                                                                                                                                                |
| DATA CONVERTERS                  | -                                                                                                                                                                                                                            |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                        |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                          |
| CONNECTIVITY                     | -                                                                                                                                                                                                                            |
| BASE PART NUMBER                 | PIC12LC509A                                                                                                                                                                                                                  |

Related Tags

|                                                  |                                         |                                                           |
|--------------------------------------------------|-----------------------------------------|-----------------------------------------------------------|
| Micrel / Microchip Technology PIC12LC509A-04I/MF | PIC12LC509A-04I/MF Distributor          | PIC12LC509A-04I/MF Supplier                               |
| PIC12LC509A-04I/MF Price                         | PIC12LC509A-04I/MF Pictures             | PIC12LC509A-04I/MF Image                                  |
| PIC12LC509A-04I/MF PDF Datasheet                 | PIC12LC509A-04I/MF Download Datasheet   | PIC12LC509A-04I/MF Datasheet                              |
| PIC12LC509A-04I/MF Stock                         | Buy PIC12LC509A-04I/MF                  | Buy Micrel / Microchip Technology PIC12LC509A-04I/MF      |
| Micrel / Microchip Technology PIC12LC509A-04I/MF | Micrel / Microchip Technology Supplier  | Micrel / Microchip Technology Distributor                 |
| Micrel / Microchip Technology PIC12LC509A-04I/MF | Microchip Technology PIC12LC509A-04I/MF | Roving Networks / Microchip Technology PIC12LC509A-04I/MF |

Related Products

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| <div><div><b>PIC12LC509A-04I/SM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 8SOIJ<br/>In stock: 80695 pcs</div><div>RFQ</div></div> | <div><div><b>PIC12LC508AT-04I/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 768B OTP 8DFN<br/>In stock: 3261 pcs</div><div>RFQ</div></div>   |
| <div><div><b>PIC12LC509A-04/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 8DIP<br/>In stock: 74935 pcs</div><div>RFQ</div></div>    | <div><div><b>PIC12LC509A-04/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 8SOIC<br/>In stock: 75690 pcs</div><div>RFQ</div></div>  |
| <div><div><b>PIC12LC509AT-04I/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 8DFN<br/>In stock: 7017 pcs</div><div>RFQ</div></div>  | <div><div><b>PIC12LC508AT-04I/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 768B OTP 8SOIC<br/>In stock: 83149 pcs</div><div>RFQ</div></div> |
| <div><div><b>PIC12LC509AT-04/SM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 8SOIJ<br/>In stock: 5827 pcs</div><div>RFQ</div></div>  | <div><div><b>PIC12LC509AT-04/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 8SOIC<br/>In stock: 76192 pcs</div><div>RFQ</div></div> |
| <div><div><b>PIC12LC509A-04I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 8DIP<br/>In stock: 3134 pcs</div><div>RFQ</div></div>    | <div><div><b>PIC12LC509A-04I/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 8SOIC<br/>In stock: 84966 pcs</div><div>RFQ</div></div> |
| <div><div><b>PIC12LC509A-04/SM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 8SOIJ<br/>In stock: 98475 pcs</div><div>RFQ</div></div>  | <div><div><b>PIC12LC508AT-04I/SM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 768B OTP 8SOIJ<br/>In stock: 4253 pcs</div><div>RFQ</div></div>  |