



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC12C509A-04I/P

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC12C509A-04I/P                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 1.5KB OTP 8DIP                                                                                   |
|                     |  1.PIC12C509A-04I/P.pdf     |
|                     |  2.PIC12C509A-04I/P.pdf     |
|                     |  3.PIC12C509A-04I/P.pdf     |
|                     |  4.PIC12C509A-04I/P.pdf     |
|                     |  5.PIC12C509A-04I/P.pdf     |
|                     |  6.PIC12C509A-04I/P.pdf     |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 73640 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of PIC12C509A-04I/P

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC12C509A-04I/P                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DESCRIPTION                      | IC MCU 8BIT 1.5KB OTP 8DIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 73640 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DATA SHEET                       |  1.PIC12C509A-04I/P.pdf<br> 2.PIC12C509A-04I/P.pdf<br> 3.PIC12C509A-04I/P.pdf<br> 4.PIC12C509A-04I/P.pdf<br> 5.PIC12C509A-04I/P.pdf<br> 6.PIC12C509A-04I/P.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 8-PDIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 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-DIP (0.300", 7.62mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| OTHER NAMES                      | PIC12C509A04IP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 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-PDIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| DATA CONVERTERS                  | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| CONNECTIVITY                     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| BASE PART NUMBER                 | PIC12C509A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology PIC12C509A-04I/P | PIC12C509A-04I/P Distributor           | PIC12C509A-04I/P Supplier                               |
| PIC12C509A-04I/P Price                         | PIC12C509A-04I/P Pictures              | PIC12C509A-04I/P Image                                  |
| PIC12C509A-04I/P PDF Datasheet                 | PIC12C509A-04I/P Download Datasheet    | PIC12C509A-04I/P Datasheet                              |
| PIC12C509A-04I/P Stock                         | Buy PIC12C509A-04I/P                   | Buy Micrel / Microchip Technology PIC12C509A-04I/P      |
| Micrel / Microchip Technology PIC12C509A-04I/P | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology PIC12C509A-04I/P | Microchip Technology PIC12C509A-04I/P  | Roving Networks / Microchip Technology PIC12C509A-04I/P |

Related Products

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|  <div><b>PIC12C509A/JW</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB EPROM 8CDIP<br/>In stock: 3135 pcs<br/>RFQ</div>    |  <div><b>PIC12C509A-04I/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 8SOIC<br/>In stock: 84663 pcs<br/>RFQ</div>  |
|  <div><b>PIC12C509A-04E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 8SOIC<br/>In stock: 64372 pcs<br/>RFQ</div> |  <div><b>PIC12C509AT-04E/SM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 8SOIJ<br/>In stock: 85385 pcs<br/>RFQ</div> |
|  <div><b>PIC12C509A-04I/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 8DFNS<br/>In stock: 7098 pcs<br/>RFQ</div>  |  <div><b>PIC12C509AT-04/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 8SOIC<br/>In stock: 95171 pcs<br/>RFQ</div>  |
|  <div><b>PIC12C509A-04E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 8DIP<br/>In stock: 75955 pcs<br/>RFQ</div>   |  <div><b>PIC12C509A-04/SM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 8SOIJ<br/>In stock: 88308 pcs<br/>RFQ</div>   |
|  <div><b>PIC12C509AT-04/SM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 8SOIJ<br/>In stock: 95896 pcs<br/>RFQ</div> |  <div><b>PIC12C509A-04/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 8SOIC<br/>In stock: 84827 pcs<br/>RFQ</div>   |
|  <div><b>PIC12C509A-04I/SM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 8SOIJ<br/>In stock: 69056 pcs<br/>RFQ</div> |  <div><b>PIC12C509A-04E/SM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB OTP 8SOIJ<br/>In stock: 65004 pcs<br/>RFQ</div>  |

