

PIC12C509AT-04/SM



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Part Number:

PIC12C509AT-04/SM

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 8BIT 1.5KB OTP 8SOIJ

Data sheet:

 [PIC12C5xx Data Sheet Errata](#)

 [PIC12C508A, C509A, CR509A Rev. B Errata](#)

 [PIC12C508A, 509A Revision A Errata](#)

 [Tips N Tricks Guide](#)

 [PIC12C5xx](#)

 [MPLAB® ICE2000 Spec](#)

RoHs Status:

Lead free / RoHS Compliant

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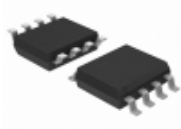
Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                       |                                 |                                                                                                                                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PIC12C509AT-04/SM                                                     | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                                                                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 8BIT 1.5KB OTP 8SOIJ                                           | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                                                                                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 79897 pcs                                                             | Data sheet                      | <a href="#">PIC12C5xx Data Sheet Errata</a><br><a href="#">PIC12C508A, C509A, CR509A Rev. B Errata</a><br><a href="#">PIC12C508A, 509A Revision A Errata</a><br><a href="#">Tips N Tricks Guide</a><br><a href="#">PIC12C5xx</a><br><a href="#">MPLAB® ICE2000 Spec</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                             | Voltage - Supply (Vcc/Vdd)      | 3 V ~ 5.5 V                                                                                                                                                                                                                                                             |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 8-SOIJ                                                                | 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                       | Tape & Reel (TR)                                                                                                                                                                                                                                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 8-SOIC (0.209", 5.30mm Width)                                         | Oscillator Type                 | Internal                                                                                                                                                                                                                                                                |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0°C ~ 70°C (TA)                                                       | Number of I/O                   | 5                                                                                                                                                                                                                                                                       |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1 (Unlimited)                                                         | Manufacturer Standard Lead Time | 24 Weeks                                                                                                                                                                                                                                                                |
| 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-SOIJ | Data Converters                 | -                                                                                                                                                                                                                                                                       |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8-Bit                                                                 | Core Processor                  | PIC                                                                                                                                                                                                                                                                     |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                                                     | Base Part Number                | PIC12C509A                                                                                                                                                                                                                                                              |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 79897 pieces of Micrel / Microchip Technology PIC12C509AT-04/SM in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                       |                                 |                                                                                                                                                                                                                                                                         |

| RELATED PRODUCTS                                                                   |                                                                                       |                                                              |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC12C509T-04I/SM</a><br>Description: IC MCU 8BIT 1.5KB OTP 8SOIJ  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12C509AT-04E/SN</a><br>Description: IC MCU 8BIT 1.5KB OTP 8SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12C509AT-04E/SM</a><br>Description: IC MCU 8BIT 1.5KB OTP 8SOIJ | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC12C509A-04I/P</a><br>Description: IC MCU 8BIT 1.5KB OTP 8DIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12C509A-04I/MF</a><br>Description: IC MCU 8BIT 1.5KB OTP 8DFNS  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12C509AJW</a><br>Description: IC MCU 8BIT 1.5KB EPROM 8CDIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12C509A-04/SM</a><br>Description: IC MCU 8BIT 1.5KB OTP 8SOIJ   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12C509T-04/SM</a><br>Description: IC MCU 8BIT 1.5KB OTP 8SOIJ   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12C509A-04E/P</a><br>Description: IC MCU 8BIT 1.5KB OTP 8DIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12C671-04/P</a><br>Description: IC MCU 8BIT 1.75KB OTP 8DIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC12C509AT-04I/SM</a><br>Description: IC MCU 8BIT 1.5KB OTP 8SOIJ | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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Related keywords for PIC12C509AT-04/SM

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