

 **MICROCHIP**

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC12F609T-I/MS

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC12F609T-I/MS                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 1.75KB FLASH 8MSOP                                                                               |
|                     |  1.PIC12F609T-I/MS.pdf      |
|                     |  2.PIC12F609T-I/MS.pdf      |
|                     |  3.PIC12F609T-I/MS.pdf      |
|                     |  4.PIC12F609T-I/MS.pdf      |
|                     |  5.PIC12F609T-I/MS.pdf      |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 115978 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

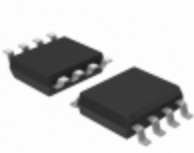
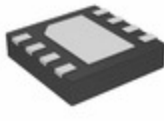
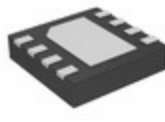
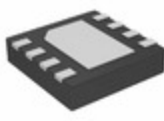
Specifications of PIC12F609T-I/MS

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC12F609T-I/MS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| DESCRIPTION                      | IC MCU 8BIT 1.75KB FLASH 8MSOP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| QUANTITY AVAILABLE               | 115978 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DATA SHEET                       |  1.PIC12F609T-I/MS.pdf<br> 2.PIC12F609T-I/MS.pdf<br> 3.PIC12F609T-I/MS.pdf<br> 4.PIC12F609T-I/MS.pdf<br> 5.PIC12F609T-I/MS.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 8-MSOP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| SPEED                            | 20MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| SERIES                           | PIC® 12F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| RAM SIZE                         | 64 x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| PROGRAM MEMORY SIZE              | 1.75KB (1K x 14)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| PACKAGE / CASE                   | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| OTHER NAMES                      | PIC12F609T-I/MSTR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 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 20MHz 1.75KB (1K x 14) FLASH 8-MSOP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| DATA CONVERTERS                  | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| CONNECTIVITY                     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| BASE PART NUMBER                 | PIC12F609                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology PIC12F609T-I/MS | PIC12F609T-I/MS Distributor            | PIC12F609T-I/MS Supplier                               |
| PIC12F609T-I/MS Price                         | PIC12F609T-I/MS Pictures               | PIC12F609T-I/MS Image                                  |
| PIC12F609T-I/MS PDF Datasheet                 | PIC12F609T-I/MS Download Datasheet     | PIC12F609T-I/MS Datasheet                              |
| PIC12F609T-I/MS Stock                         | Buy PIC12F609T-I/MS                    | Buy Micrel / Microchip Technology PIC12F609T-I/MS      |
| Micrel / Microchip Technology PIC12F609T-I/MS | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology PIC12F609T-I/MS | Microchip Technology PIC12F609T-I/MS   | Roving Networks / Microchip Technology PIC12F609T-I/MS |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                |
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|  <div><b>PIC12F615-E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.75KB FLASH 8MSOP<br/>In stock: 119263 pcs<br/><b>RFQ</b></div> |  <div><b>PIC12F615-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.75KB FLASH 8SOIC<br/>In stock: 106161 pcs<br/><b>RFQ</b></div>  |
|  <div><b>PIC12F615-E/MD</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.75KB FLASH 8DFN<br/>In stock: 115045 pcs<br/><b>RFQ</b></div>  |  <div><b>PIC12F609T-I/MD</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.75KB FLASH 8DFN<br/>In stock: 132500 pcs<br/><b>RFQ</b></div>  |
|  <div><b>PIC12F609-I/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.75KB FLASH 8MSOP<br/>In stock: 105275 pcs<br/><b>RFQ</b></div> |  <div><b>PIC12F609-I/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.75KB FLASH 8DFN<br/>In stock: 116135 pcs<br/><b>RFQ</b></div>   |
|  <div><b>PIC12F615-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.75KB FLASH 8DIP<br/>In stock: 123600 pcs<br/><b>RFQ</b></div>   |  <div><b>PIC12F609T-I/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.75KB FLASH 8SOIC<br/>In stock: 126724 pcs<br/><b>RFQ</b></div> |
|  <div><b>PIC12F615-E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.75KB FLASH 8DFN<br/>In stock: 95445 pcs<br/><b>RFQ</b></div>   |  <div><b>PIC12F609-I/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.75KB FLASH 8SOIC<br/>In stock: 138784 pcs<br/><b>RFQ</b></div>  |
|  <div><b>PIC12F609-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.75KB FLASH 8DIP<br/>In stock: 131711 pcs<br/><b>RFQ</b></div>   |  <div><b>PIC12F609T-I/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.75KB FLASH 8DFN<br/>In stock: 118728 pcs<br/><b>RFQ</b></div>  |