

AT87251G2D-SLSUM



Part Number: [AT87251G2D-SLSUM](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 32KB OTP 44PLCC

Data sheet:  [AT,TSC\(80,83,87\)251G2D](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                |                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | AT87251G2D-SLSUM                          | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 8BIT 32KB OTP 44PLCC               | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5215 pcs                                  | Data sheet                     | <a href="#">AT,TSC(80,83,87)251G2D</a>                                                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 4.5 V ~ 5.5 V                                                                         |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 44-PLCC (16.59x16.59)                     | Speed                          | 24MHz                                                                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8x251                                     | RAM Size                       | 1K x 8                                                                                |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | OTP                                       | Program Memory Size            | 32KB (32K x 8)                                                                        |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | POR, PWM, WDT                             | Packaging                      | Tube                                                                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 44-LCC (J-Lead)                           | Oscillator Type                | Internal                                                                              |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -40°C ~ 85°C (TA)                         | Number of I/O                  | 32                                                                                    |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2 (1 Year)                                | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                            |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                         | Detailed Description           | C251 8x251 Microcontroller IC 8/16-Bit 24MHz 32KB (32K x 8) OTP 44-PLCC (16.59x16.59) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                         | Core Size                      | 8/16-Bit                                                                              |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | C251                                      | Connectivity                   | EBI/EMI, I <sup>2</sup> C, Microwire, SPI, UART/USART                                 |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | AT87251G2D                                |                                |                                                                                       |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                              |                |
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|  | Part#: <a href="#">AT87C51RB2-RLTUM</a><br>Description: IC MCU 8BIT 16KB OTP 44VQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT87C51RB2-RLRUM</a><br>Description: IC MCU 8BIT 16KB OTP 44VQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT86RF401X-6GS</a><br>Description: IC MICRO TRANSM RF W/AVR 20TSSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT87C51RC2-3CSUL</a><br>Description: IC MCU 8BIT 32KB OTP 40PDIL    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT86RF401E-6GS</a><br>Description: IC MICRO TRANSM RF W/AVR 20TSSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">AT87C51RB2-3CSUL</a><br>Description: IC MCU 8BIT 16KB OTP 40PDIL    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT87C51RB2-SLSUM</a><br>Description: IC MCU 8BIT 16KB OTP 44PLCC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT87251G2D-3CSUM</a><br>Description: IC MCU 8BIT 32KB OTP 40PDIL    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT87C51RB2-SLSUL</a><br>Description: IC MCU 8BIT 16KB OTP 44PLCC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT87C51RC2-3CSUM</a><br>Description: IC MCU 8BIT 32KB OTP 40PDIL    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT87251G2D-RLTUM</a><br>Description: IC MCU 8BIT 32KB OTP 44VQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT86RF401U-XI</a><br>Description: IC MICRO TX RF W/AVR 20-TSSOP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT86RF401E-EK1</a><br>Description: KIT DEMO MICRO TX EVAL 433MHZ    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT87C51RB2-3CSUM</a><br>Description: IC MCU 8BIT 16KB OTP 40PDIL    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT86RF401U-EK1</a><br>Description: KIT DEMO MICRO TX EVAL 315MHZ    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT86RF233-ZUS</a><br>Description: IC RF TXRX+MCU 802.15.4 32-VFQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT87C51RB2-SLRUM</a><br>Description: IC MCU 8BIT 16KB OTP 44PLCC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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