

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

### TSC87251G2D-24IB

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | TSC87251G2D-24IB                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                          |
| Product description | IC MCU 8BIT 32KB OTP 44PLCC                                                                                            |
| Datasheets:         |  <a href="#">TSC87251G2D-24IB.pdf</a> |
| RoHs Status         |  Contains lead / RoHS non-compliant   |
| Stock Condition     | 4554 pcs stock                                                                                                         |
| Ship From           | Hong Kong                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                  |

REQUEST FOR QUOTATION

#### Specifications of TSC87251G2D-24IB

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | TSC87251G2D-24IB                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                            |
| DESCRIPTION                      | IC MCU 8BIT 32KB OTP 44PLCC                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                       |
| QUANTITY AVAILABLE               | 4554 pcs                                                                                                                 |
| DATA SHEET                       |  <a href="#">TSC87251G2D-24IB.pdf</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   | Contains lead / RoHS non-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, I²C, Microwire, SPI, UART/USART                                                                                 |
| BASE PART NUMBER                 | TSC87251G2D                                                                                                              |

#### Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology TSC87251G2D-24IB | TSC87251G2D-24IB Distributor           | TSC87251G2D-24IB Supplier                               |
| TSC87251G2D-24IB Price                         | TSC87251G2D-24IB Pictures              | TSC87251G2D-24IB Image                                  |
| TSC87251G2D-24IB PDF Datasheet                 | TSC87251G2D-24IB Download Datasheet    | TSC87251G2D-24IB Datasheet                              |
| TSC87251G2D-24IB Stock                         | Buy TSC87251G2D-24IB                   | Buy Micrel / Microchip Technology TSC87251G2D-24IB      |
| Micrel / Microchip Technology TSC87251G2D-24IB | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology TSC87251G2D-24IB | Microchip Technology TSC87251G2D-24IB  | Roving Networks / Microchip Technology TSC87251G2D-24IB |

#### Related Products

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                             |
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| <div></div> <div><b>TSC87251G2D-L16CE</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB OTP 44VQFP<br/>In stock: 5023 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>TSC87251G2D-L16CB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB OTP 44PLCC<br/>In stock: 4269 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>TSC87251G2D-24IC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB OTP 44CQPJ<br/>In stock: 6422 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>TSC80251G2D-L16CER</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT ROMLESS 44VQFP<br/>In stock: 4208 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>TSC87251G2D-24IJ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB OTP 44CDIL<br/>In stock: 4125 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>TSC87251G2D-24CB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB OTP 44PLCC<br/>In stock: 7014 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>TSC87251G2D-24IBR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB OTP 44PLCC<br/>In stock: 6817 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>TSC87251G2D-L16CBR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB OTP 44PLCC<br/>In stock: 6331 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>TSC87251G2D-16CB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB OTP 44PLCC<br/>In stock: 5530 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>TSC87251G2D-24CE</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB OTP 44VQFP<br/>In stock: 3264 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>TSC87251G2D-24IA</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB OTP 40PDIL<br/>In stock: 3247 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>TSC87251G2D-16CBR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB OTP 44PLCC<br/>In stock: 6394 pcs<br/><div>RFQ</div></div>  |