



Micrel / Microchip Technology



ATTINY2313-20SJ

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATTINY2313-20SJ                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 2KB FLASH 20SOIC                                                                                 |
| Datasheets:         | <a href="#">1.ATTINY2313-20SJ.pdf</a><br><a href="#">2.ATTINY2313-20SJ.pdf</a>                               |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3877 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

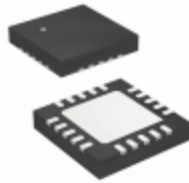
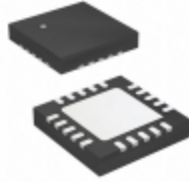
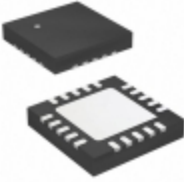
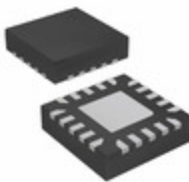
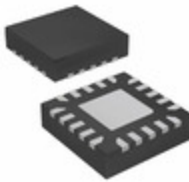
Specifications of ATTINY2313-20SJ

|                                  |                                                                                |
|----------------------------------|--------------------------------------------------------------------------------|
| PART NUMBER                      | ATTINY2313-20SJ                                                                |
| MANUFACTURER                     | Micrel / Microchip Technology                                                  |
| DESCRIPTION                      | IC MCU 8BIT 2KB FLASH 20SOIC                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                     |
| QUANTITY AVAILABLE               | 3877 pcs                                                                       |
| DATA SHEET                       | <a href="#">1.ATTINY2313-20SJ.pdf</a><br><a href="#">2.ATTINY2313-20SJ.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                  |
| SUPPLIER DEVICE PACKAGE          | 20-SOIC                                                                        |
| SPEED                            | 20MHz                                                                          |
| SERIES                           | AVR® ATtiny                                                                    |
| RAM SIZE                         | 128 x 8                                                                        |
| PROGRAM MEMORY TYPE              | FLASH                                                                          |
| PROGRAM MEMORY SIZE              | 2KB (1K x 16)                                                                  |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                          |
| PACKAGING                        | Tube                                                                           |
| PACKAGE / CASE                   | 20-SOIC (0.295", 7.50mm Width)                                                 |
| OTHER NAMES                      | ATTINY2313-24SJ<br>ATTINY2313-24SJ-ND                                          |
| OSCILLATOR TYPE                  | Internal                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                              |
| NUMBER OF I/O                    | 18                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                     |
| EEPROM SIZE                      | 128 x 8                                                                        |
| DETAILED DESCRIPTION             | AVR AVR® ATtiny Microcontroller IC 8-Bit 20MHz 2KB (1K x 16) FLASH 20-SOIC     |
| DATA CONVERTERS                  | -                                                                              |
| CORE SIZE                        | 8-Bit                                                                          |
| CORE PROCESSOR                   | AVR                                                                            |
| CONNECTIVITY                     | SPI, UART/USART                                                                |
| BASE PART NUMBER                 | ATTINY2313                                                                     |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology ATTINY2313-20SJ | ATTINY2313-20SJ Distributor            | ATTINY2313-20SJ Supplier                               |
| ATTINY2313-20SJ Price                         | ATTINY2313-20SJ Pictures               | ATTINY2313-20SJ Image                                  |
| ATTINY2313-20SJ PDF Datasheet                 | ATTINY2313-20SJ Download Datasheet     | ATTINY2313-20SJ Datasheet                              |
| ATTINY2313-20SJ Stock                         | Buy ATTINY2313-20SJ                    | Buy Micrel / Microchip Technology ATTINY2313-20SJ      |
| Micrel / Microchip Technology ATTINY2313-20SJ | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology ATTINY2313-20SJ | Microchip Technology ATTINY2313-20SJ   | Roving Networks / Microchip Technology ATTINY2313-20SJ |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>ATTINY2313A-MU</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 2KB FLASH 20QFN<br/>In stock: 155249 pcs<br/><div>RFQ</div></div>             |  <div><b>ATTINY2313-20PU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 2KB FLASH 20DIP<br/>In stock: 53105 pcs<br/><div>RFQ</div></div>   |
|  <div><b>ATTINY2313A-MUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 2KB FLASH 20QFN<br/>In stock: 137576 pcs<br/><div>RFQ</div></div>   |  <div><b>ATTINY2313-20MUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 2KB FLASH 20QFN<br/>In stock: 61862 pcs<br/><div>RFQ</div></div>  |
|  <div><b>ATTINY2313-20PJ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 2KB FLASH 20DIP<br/>In stock: 6812 pcs<br/><div>RFQ</div></div>     |  <div><b>ATTINY2313-20PI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 2KB FLASH 20DIP<br/>In stock: 4668 pcs<br/><div>RFQ</div></div>    |
|  <div><b>ATTINY2313A-MMHR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 2KB FLASH 20VQFN<br/>In stock: 137076 pcs<br/><div>RFQ</div></div> |  <div><b>ATTINY2313-20MUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 2KB FLASH 20QFN<br/>In stock: 58535 pcs<br/><div>RFQ</div></div>           |
|  <div><b>ATTINY2313A-MMH</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 2KB FLASH 20VQFN<br/>In stock: 180007 pcs<br/><div>RFQ</div></div>  |  <div><b>ATTINY2313-20SUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 2KB FLASH 20SOIC<br/>In stock: 68584 pcs<br/><div>RFQ</div></div> |
|  <div><b>ATTINY2313-20SU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 2KB FLASH 20SOIC<br/>In stock: 54321 pcs<br/><div>RFQ</div></div>   |  <div><b>ATTINY2313-20SI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 2KB FLASH 20SOIC<br/>In stock: 6206 pcs<br/><div>RFQ</div></div>   |