



AT89LP51RB2-20AU

|                     |                                                                                                                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | AT89LP51RB2-20AU                                                                                                                                                                                                     |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                        |
| Product description | IC MCU 8BIT 24KB FLASH 44TQFP                                                                                                                                                                                        |
| Datasheets:         |  1.AT89LP51RB2-20AU.pdf<br> 2.AT89LP51RB2-20AU.pdf |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                         |
| Stock Condition     | 46226 pcs stock                                                                                                                                                                                                      |
| Ship From           | Hong Kong                                                                                                                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                |

REQUEST FOR QUOTATION

Specifications of AT89LP51RB2-20AU

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AT89LP51RB2-20AU                                                                                                                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                            |
| DESCRIPTION                      | IC MCU 8BIT 24KB FLASH 44TQFP                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 46226 pcs                                                                                                                                                                                                                |
| DATA SHEET                       |  1.AT89LP51RB2-20AU.pdf<br> 2.AT89LP51RB2-20AU.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.4 V ~ 5.5 V                                                                                                                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 44-TQFP (10x10)                                                                                                                                                                                                          |
| SPEED                            | 20MHz                                                                                                                                                                                                                    |
| SERIES                           | 89LP                                                                                                                                                                                                                     |
| RAM SIZE                         | 1.375K x 8                                                                                                                                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                    |
| PROGRAM MEMORY SIZE              | 24KB (24K x 8)                                                                                                                                                                                                           |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                    |
| PACKAGING                        | Tray                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 44-TQFP                                                                                                                                                                                                                  |
| OTHER NAMES                      | AT89LP51RB220AU                                                                                                                                                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                        |
| NUMBER OF I/O                    | 40                                                                                                                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| EEPROM SIZE                      | -                                                                                                                                                                                                                        |
| DETAILED DESCRIPTION             | 8051 89LP Microcontroller IC 8-Bit 20MHz 24KB (24K x 8) FLASH 44-TQFP (10x10)                                                                                                                                            |
| DATA CONVERTERS                  | A/D 7x10b                                                                                                                                                                                                                |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                    |
| CORE PROCESSOR                   | 8051                                                                                                                                                                                                                     |
| CONNECTIVITY                     | EBI/EMI, I²C, SPI, UART/USART                                                                                                                                                                                            |
| BASE PART NUMBER                 | AT89LP51RB2                                                                                                                                                                                                              |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology AT89LP51RB2-20AU | AT89LP51RB2-20AU Distributor           | AT89LP51RB2-20AU Supplier                               |
| AT89LP51RB2-20AU Price                         | AT89LP51RB2-20AU Pictures              | AT89LP51RB2-20AU Image                                  |
| AT89LP51RB2-20AU PDF Datasheet                 | AT89LP51RB2-20AU Download Datasheet    | AT89LP51RB2-20AU Datasheet                              |
| AT89LP51RB2-20AU Stock                         | Buy AT89LP51RB2-20AU                   | Buy Micrel / Microchip Technology AT89LP51RB2-20AU      |
| Micrel / Microchip Technology AT89LP51RB2-20AU | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology AT89LP51RB2-20AU | Microchip Technology AT89LP51RB2-20AU  | Roving Networks / Microchip Technology AT89LP51RB2-20AU |

Related Products

|                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>MICROCHIP</div> <div>AT89LP51ID2-20MU</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 44VQFN<br/>In stock: 26887 pcs</div> <div>RFQ</div>  | <div></div> <div>AT89LP51ID2-20AU</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 44TQFP<br/>In stock: 25900 pcs</div> <div>RFQ</div>           |
| <div>MICROCHIP</div> <div>AT89LP51ID2-20AAU</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 44LQFP<br/>In stock: 25071 pcs</div> <div>RFQ</div> | <div>MICROCHIP</div> <div>AT89LP51RB2-20JU</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 24KB FLASH 44PLCC<br/>In stock: 35671 pcs</div> <div>RFQ</div>  |
| <div>MICROCHIP</div> <div>AT89LP51ID2-20JU</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 44PLCC<br/>In stock: 51680 pcs</div> <div>RFQ</div>  | <div>MICROCHIP</div> <div>AT89LP51RC2-20AAU</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44LQFP<br/>In stock: 38987 pcs</div> <div>RFQ</div> |
| <div>MICROCHIP</div> <div>AT89LP51RB2-20MU</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 24KB FLASH 44VQFN<br/>In stock: 35959 pcs</div> <div>RFQ</div>  | <div>MICROCHIP</div> <div>AT89LP51RC2-20JU</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44PLCC<br/>In stock: 35450 pcs</div> <div>RFQ</div>  |
| <div>MICROCHIP</div> <div>AT89LP51RB2-20AAU</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 24KB FLASH 44LQFP<br/>In stock: 37999 pcs</div> <div>RFQ</div> | <div>MICROCHIP</div> <div>AT89LP51RC2-20AU</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 41180 pcs</div> <div>RFQ</div>  |
| <div>MICROCHIP</div> <div>AT89LP51IC2-20MU</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44VQFN<br/>In stock: 36367 pcs</div> <div>RFQ</div>  | <div>MICROCHIP</div> <div>AT89LP51RB2-20PU</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 24KB FLASH 40DIP<br/>In stock: 6679 pcs</div> <div>RFQ</div>    |