



Micrel / Microchip Technology



AT89LP51RC2-20AAU

|                     |                                                                                                                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | AT89LP51RC2-20AAU                                                                                                                                                                                                      |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                          |
| Product description | IC MCU 8BIT 32KB FLASH 44LQFP                                                                                                                                                                                          |
| Datasheets:         |  1.AT89LP51RC2-20AAU.pdf<br> 2.AT89LP51RC2-20AAU.pdf |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                           |
| Stock Condition     | 38987 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 AT89LP51RC2-20AAU

|                                  |                                                                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AT89LP51RC2-20AAU                                                                                                                                                                                                          |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                              |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 44LQFP                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                 |
| QUANTITY AVAILABLE               | 38987 pcs                                                                                                                                                                                                                  |
| DATA SHEET                       |  1.AT89LP51RC2-20AAU.pdf<br> 2.AT89LP51RC2-20AAU.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.4 V ~ 5.5 V                                                                                                                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 44-LQFP (10x10)                                                                                                                                                                                                            |
| SPEED                            | 20MHz                                                                                                                                                                                                                      |
| SERIES                           | 89LP                                                                                                                                                                                                                       |
| RAM SIZE                         | 1.375K x 8                                                                                                                                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                      |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                                                                                                                                             |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                      |
| PACKAGING                        | Tray                                                                                                                                                                                                                       |
| PACKAGE / CASE                   | 44-LQFP                                                                                                                                                                                                                    |
| OTHER NAMES                      | AT89LP51RC220AAU                                                                                                                                                                                                           |
| 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 32KB (32K x 8) FLASH 44-LQFP (10x10)                                                                                                                                              |
| DATA CONVERTERS                  | A/D 7x10b                                                                                                                                                                                                                  |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                      |
| CORE PROCESSOR                   | 8051                                                                                                                                                                                                                       |
| CONNECTIVITY                     | EBI/EMI, I²C, SPI, UART/USART                                                                                                                                                                                              |
| BASE PART NUMBER                 | AT89LP51RC2                                                                                                                                                                                                                |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology AT89LP51RC2-20AAU | AT89LP51RC2-20AAU Distributor          | AT89LP51RC2-20AAU Supplier                               |
| AT89LP51RC2-20AAU Price                         | AT89LP51RC2-20AAU Pictures             | AT89LP51RC2-20AAU Image                                  |
| AT89LP51RC2-20AAU PDF Datasheet                 | AT89LP51RC2-20AAU Download Datasheet   | AT89LP51RC2-20AAU Datasheet                              |
| AT89LP51RC2-20AAU Stock                         | Buy AT89LP51RC2-20AAU                  | Buy Micrel / Microchip Technology AT89LP51RC2-20AAU      |
| Micrel / Microchip Technology AT89LP51RC2-20AAU | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology AT89LP51RC2-20AAU | Microchip Technology AT89LP51RC2-20AAU | Roving Networks / Microchip Technology AT89LP51RC2-20AAU |

Related Products

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| <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> | <div><div>AT89LP51RB2-20AU</div><div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 24KB FLASH 44TQFP<br/>In stock: 46226 pcs</div><div>RFQ</div></div>  |
| <div><div>AT89LP51RC2-20PU</div><div>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 40DIP<br/>In stock: 41165 pcs</div><div>RFQ</div></div>            | <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>  |
| <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>  | <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>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></div>    | <div><div>AT89LP51RD2-20AAU</div><div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 44LQFP<br/>In stock: 25924 pcs</div><div>RFQ</div></div> |
| <div><div>AT89LP51RC2-20PU</div><div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 40DIP<br/>In stock: 6846 pcs</div><div>RFQ</div></div>    | <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>  |
| <div><div>AT89LP51RC2-20MU</div><div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44VQFN<br/>In stock: 42111 pcs</div><div>RFQ</div></div>  | <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>  |