



# AT80C31X2-SLSUM

|                          |                                        |
|--------------------------|----------------------------------------|
| Manufacturer Part Number | <b>AT80C31X2-SLSUM</b>                 |
| Manufacturer             | <b>Microchip Technology</b>            |
| Allelco Part Number      | 32D-AT80C31X2-SLSUM                    |
| ECAD Model               | Request Free CAD Models                |
| Parts Description        | IC MCU 8BIT ROMLESS 44PLCC             |
| Package                  | 44-LCC (J-Lead)                        |
| Data sheet               | <b>Cylindrical Battery Holders.pdf</b> |
| RoHs Status              | ROHS3 Compliant                        |

**Get a Quote**

AT80C31X2-SLSUM - Microchip Technology. New Original in Stock. Download Linear Technology AT80C31X2-SLSUM datasheet/specifications on AllelcoElec.com.  
Request a quote for AT80C31X2-SLSUM, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

AT80C31X2-SLSUM Tech Specifications  
AT80C31X2-SLSUM - Microchip Technology technical specifications, attributes, parameters

| Product Attribute          | Attribute Value      | Product Attribute     | Attribute Value   |
|----------------------------|----------------------|-----------------------|-------------------|
| Manufacturer               | Microchip Technology | Oscillator Type       | Internal          |
| Voltage - Supply (Vcc/Vdd) | 4.5V ~ 5.5V          | Operating Temperature | -40°C ~ 85°C (TA) |
| Supplier Device Package    | 44-PLCC (16.6x16.6)  | Number of I/O         | 32                |
| Speed                      | 40/20MHz             | Mounting Type         | Surface Mount     |
| Series                     | 80C                  | EEPROM Size           | -                 |
| RAM Size                   | 128 x 8              | Data Converters       | -                 |
| Program Memory Type        | ROMless              | Core Size             | 8-Bit             |
| Program Memory Size        | -                    | Core Processor        | 80C51             |
| Peripherals                | POR                  | Connectivity          | UART/USART        |
| Package / Case             | 44-LCC (J-Lead)      | Base Product Number   | AT80C31X2         |
| Package                    | Tube                 |                       |                   |

## Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology AT80C31X2-SLSUM

| Product Attribute          |                      |                          |                        |                        |
|----------------------------|----------------------|--------------------------|------------------------|------------------------|
| Part Number                | AT80C31X2-SLSUM      | <b>AT80C31X2-3CSUM</b>   | <b>AT80C32X2-RLTUM</b> | <b>AT80C32X2-RLTUL</b> |
| Manufacturer               | Microchip Technology | Microchip Technology     | Microchip Technology   | Microchip Technology   |
| EEPROM Size                | -                    | -                        | -                      | -                      |
| Core Size                  | 8-Bit                | 8-Bit                    | 8-Bit                  | 8-Bit                  |
| Data Converters            | -                    | -                        | -                      | -                      |
| Voltage - Supply (Vcc/Vdd) | 4.5V ~ 5.5V          | 4.5V ~ 5.5V              | 4.5V ~ 5.5V            | 2.7V ~ 5.5V            |
| Supplier Device Package    | 44-PLCC (16.6x16.6)  | 40-PDIL                  | 44-VQFP (10x10)        | 44-VQFP (10x10)        |
| Core Processor             | 80C51                | 80C51                    | 80C51                  | 80C51                  |
| Number of I/O              | 32                   | 32                       | 32                     | 32                     |
| Operating Temperature      | -40°C ~ 85°C (TA)    | -40°C ~ 85°C (TA)        | -40°C ~ 85°C (TA)      | -40°C ~ 85°C (TA)      |
| Series                     | 80C                  | 80C                      | 80C                    | 80C                    |
| Package / Case             | 44-LCC (J-Lead)      | 40-DIP (0.600', 15.24mm) | 44-LQFP                | 44-LQFP                |
| Package                    | Tube                 | Tube                     | Tray                   | Tray                   |
| Program Memory Type        | ROMless              | ROMless                  | ROMless                | ROMless                |
| Connectivity               | UART/USART           | UART/USART               | UART/USART             | UART/USART             |
| Mounting Type              | Surface Mount        | Through Hole             | Surface Mount          | Surface Mount          |
| Program Memory Size        | -                    | -                        | -                      | -                      |
| Oscillator Type            | Internal             | Internal                 | Internal               | Internal               |
| RAM Size                   | 128 x 8              | 128 x 8                  | 256 x 8                | 256 x 8                |
| Peripherals                | POR                  | POR                      | POR                    | POR                    |
| Speed                      | 40/20MHz             | 40/20MHz                 | 40/20MHz               | 30/20MHz               |
| Base Product Number        | AT80C31X2            | AT80C31X2                | AT80C32X2              | AT80C32X2              |

## AT80C31X2-SLSUM Datasheet PDF

Download AT80C31X2-SLSUM pdf datasheets and Microchip Technology documentation for AT80C31X2-SLSUM - Microchip Technology.

### Datasheets

Cylindrical Battery Holders.pdf



















### PCN Packaging

MBB/Label Chgs 16/Nov/2018.pdf

Transfer to Microchip/Label/Pkg 5/Sep/2016.pdf

## Customers Also Interested in

### Recommended Products

|                                                                                                 |                                                                                   |                                                                                                 |                                                                                                  |                                                                                                   |                                                                                                   |
|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| <br>NO PICTURE |  |                |                |                | <br>NO PICTURE |
| <b>AT80C31X2-UL</b><br>AT                                                                       | <b>AT80C31X2-3CSUM</b><br>Microchip Technology<br>IC MCU 8BIT ROMLESS 40PDIL      | <b>AT80C32X2-UM</b><br>Atmel (Microchip Technology)                                             | <b>AT80C32X2-RLTUM</b><br>Microchip Technology<br>IC MCU 8BIT ROMLESS 44VQFP                     | <b>AT80C32X2-RLTUL</b><br>Microchip Technology<br>IC MCU 8BIT ROMLESS 44VQFP                      | <b>AT807S23</b><br>ASI<br>IGBT Module                                                             |
|                |  | <br>NO PICTURE | <br>NO PICTURE | <br>NO PICTURE |                |
| <b>AT80C32X2-SLSUM</b><br>Atmel<br>IC MCU 8BIT ROMLESS 44PLCC                                   | <b>AT80C32X2-SLRUM</b><br>Microchip Technology<br>IC MCU 8BIT ROMLESS 44PLCC      | <b>AT807S28</b><br>POSEICO<br>IGBT Module                                                       | <b>AT807S24</b><br>POSEICO<br>IGBT Module                                                        | <b>AT807S21</b><br>ASI<br>IGBT Module                                                             | <b>AT80C32X2-3CSUM</b><br>Microchip Technology<br>IC MCU 8BIT ROMLESS 40PDIL                      |
|                |  |                |                | <br>NO PICTURE | <br>NO PICTURE |
| <b>AT80C31X2-SLSUL</b><br>Microchip Technology<br>IC MCU 8BIT ROMLESS 44PLCC                    | <b>AT80C32X2-RLTUM</b><br>Atmel<br>IC MCU 8BIT ROMLESS 44VQFP                     | <b>AT80C32X2-SLSUM</b><br>Microchip Technology<br>IC MCU 8BIT ROMLESS 44PLCC                    | <b>AT80C32X2-SLRUM</b><br>Atmel<br>IC MCU 8BIT ROMLESS 44PLCC                                    | <b>AT807S22</b><br>ASI<br>IGBT Module                                                             | <b>AT8083</b><br>ATC                                                                              |

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

### Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

| Common Countries Logistic Time Reference |                |                    |
|------------------------------------------|----------------|--------------------|
| Region                                   | Country        | Logistic Time(Day) |
| America                                  | United States  | 5                  |
|                                          | Brazil         | 7                  |
| Europe                                   | Germany        | 5                  |
|                                          | United Kingdom | 4                  |
|                                          | Italy          | 5                  |
| Oceania                                  | Australia      | 6                  |
|                                          | New Zealand    | 7                  |
| Asia                                     | India          | 6                  |
|                                          | Japan          | 7                  |
| Middle East                              | Israel         | 6                  |

| DHL & FedEx Shipment Charges Reference |                      |
|----------------------------------------|----------------------|
| Shipment charges(KG)                   | Reference DHL(USD\$) |
| 0.00kg-1.00kg                          | USD\$60.00           |
| 1.00kg-2.00kg                          | USD\$70.00           |
| 2.00kg-3.00kg                          | USD\$80.00           |




Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



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Contact us if you have any questions.

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