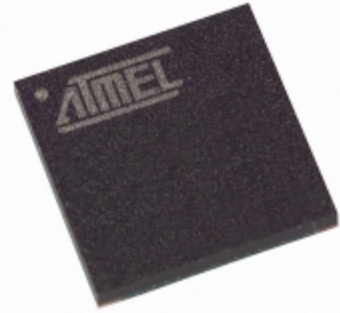


AT89C51CC03U-7CTIM



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Part Number:

AT89C51CC03U-7CTIM

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 8BIT 64KB FLASH 64CSBGA

Data sheet:

 AT89C51CC03

 AT89C51CC03, 03C, 03U Errata Sheet

 AT89C51CC03 UART Bootloader

 AT89C51CC03 CAN Bootloader

RoHs Status:

Contains lead / RoHS non-compliant

Ship From:

Hong Kong

Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                     |                                  |                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                | AT89C51CC03U-7CTIM                                                                  | Manufacturer                     | Micrel / Microchip Technology                                                                                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                | IC MCU 8BIT 64KB FLASH 64CSBGA                                                      | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                                                                                                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                         | 4058 pcs                                                                            | Data sheet                       | <a href="#">AT89C51CC03</a><br><a href="#">AT89C51CC03, 03C, 03U Errata Sheet</a><br><a href="#">AT89C51CC03 UART Bootloader</a><br><a href="#">AT89C51CC03 CAN Bootloader</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>                                           | Voltage - Supply (Vcc/Vdd)       | 3 V ~ 5.5 V                                                                                                                                                                    |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                    | 64-CSPBGA (8x8)                                                                     | Speed                            | 40MHz                                                                                                                                                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                     | AT89C CAN                                                                           | RAM Size                         | 2.25K x 8                                                                                                                                                                      |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                        | FLASH                                                                               | Program Memory Size              | 64KB (64K x 8)                                                                                                                                                                 |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                | POR, PWM, WDT                                                                       | Packaging                        | Tray                                                                                                                                                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                             | 64-LFBGA, CSPBGA                                                                    | Other Names                      | AT89C51CC03U7CTIM                                                                                                                                                              |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                            | External                                                                            | Operating Temperature            | -40°C ~ 85°C (TA)                                                                                                                                                              |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                              | 36                                                                                  | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                                                                                  |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                             | Contains lead / RoHS non-compliant                                                  | EEPROM Size                      | 2K x 8                                                                                                                                                                         |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                       | 80C51 AT89C CAN Microcontroller IC 8-Bit 40MHz 64KB (64K x 8) FLASH 64-CSPBGA (8x8) | Data Converters                  | A/D 8x10b                                                                                                                                                                      |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8-Bit                                                                               | Core Processor                   | 80C51                                                                                                                                                                          |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                               | CANbus, SPI, UART/USART                                                             | Base Part Number                 | AT89C51CC03                                                                                                                                                                    |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                              |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">AT89C51CC03CA-S3SUM</a><br>Description: IC MCU 8BIT 64KB FLASH 52PLCC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89C51CC03UA-RDTUM</a><br>Description: IC MCU 8BIT 64KB FLASH 64LQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89C51CC03UA-RLTUM</a><br>Description: IC MCU 8BIT 64KB FLASH 44VQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89C51CC03C-RLRIM</a><br>Description: IC MCU 8BIT 64KB FLASH 44VQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89C51CC03C-S3RIM</a><br>Description: IC MCU 8BIT 64KB FLASH 52PLCC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89C51CC03CA-RDTUM</a><br>Description: IC MCU 8BIT 64KB FLASH 64VQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89C51CC03U-RDRIM</a><br>Description: IC MCU 8BIT 64KB FLASH 44VQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89C51CC03CA-SLSUM</a><br>Description: IC MCU 8BIT 64KB FLASH 44PLCC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89C51CC03C-S3SIM</a><br>Description: IC MCU 8BIT 64KB FLASH 52PLCC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89C51CC03U-RDTIM</a><br>Description: IC MCU 8BIT 64KB FLASH 44VQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89C51CC03CA-RLTUM</a><br>Description: IC MCU 8BIT 64KB FLASH 44VQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89C51CC03U-SLRIM</a><br>Description: IC MCU 8BIT 64KB FLASH 44PLCC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89C51CC03CA-SLRUM</a><br>Description: IC MCU 8BIT 64KB FLASH 44PLCC | Manufacturers: <a href="#">Microchip Technology</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">AT89C51CC03UA-SLSUM</a><br>Description: IC MCU 8BIT 64KB FLASH 44PLCC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89C51CC03U-RLTIM</a><br>Description: IC MCU 8BIT 64KB FLASH 44VQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89C51CC03UA-S3SUM</a><br>Description: IC MCU 8BIT 64KB FLASH 52PLCC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AT89C51CC03U-S3RIM</a><br>Description: IC MCU 8BIT 64KB FLASH 52PLCC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|                                                  |                                                  |                                         |                                                              |
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