

DS89C450-MNG





Part Number: [DS89C450-MNG](#)

Manufacturer: [Maxim Integrated](#)

Description: IC MCU 8BIT 64KB FLASH 40DIP

Data sheet:  [DS89C430, 450](#)  
 [DS89C430-DS89C450](#)

RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy DS89C450-MNG with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                |                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|----------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                               | DS89C450-MNG                              | Manufacturer                   | <a href="#">Maxim Integrated</a>                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 8BIT 64KB FLASH 40DIP              | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5320 pcs                                  | Data sheet                     | <a href="#">DS89C430, 450</a><br><a href="#">DS89C430-DS89C450</a>   |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 4.5 V ~ 5.5 V                                                        |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                   | 40-PDIP                                   | Speed                          | 25MHz                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 89C                                       | RAM Size                       | 1K x 8                                                               |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                       | FLASH                                     | Program Memory Size            | 64KB (64K x 8)                                                       |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                               | Power-Fail Reset, WDT                     | Packaging                      | Tube                                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                            | 40-DIP (0.600", 15.24mm)                  | Oscillator Type                | External                                                             |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 85°C (TA)                         | Number of I/O                  | 32                                                                   |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                          | 1 (Unlimited)                             | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                   |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                         | Detailed Description           | 8051 89C Microcontroller IC 8-Bit 25MHz 64KB (64K x 8) FLASH 40-PDIP |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                         | Core Size                      | 8-Bit                                                                |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                            | 8051                                      | Connectivity                   | EBI/EMI, SIO, UART/USART                                             |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                          | DS89C450                                  |                                |                                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                     |                                                 |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------|----------------|
|  | Part#: <a href="#">DS89C450-MNL+</a><br>Description: IC MCU 8BIT 64KB FLASH 40DIP   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS89C440-ENG</a><br>Description: IC MCU 8BIT 32KB FLASH 44TQFP   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS89C450-ENG+</a><br>Description: IC MCU 8BIT 64KB FLASH 44TQFP  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS89C450-MNL</a><br>Description: IC MCU 8BIT 64KB FLASH 40DIP    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS89C450-QNG</a><br>Description: IC MCU 8BIT 64KB FLASH 44PLCC   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS89C450-MNG+</a><br>Description: IC MCU 8BIT 64KB FLASH 40DIP   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS89C450-ENL</a><br>Description: IC MCU 8BIT 64KB FLASH 44TQFP   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS89C450-K00</a><br>Description: EVAL KIT FOR DS89C450           | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS89C450-QNL</a><br>Description: IC MCU 8BIT 64KB FLASH 44PLCC   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS89C440-MNL</a><br>Description: IC MCU 8BIT 32KB FLASH 40DIP    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS89C450-KIT#</a><br>Description: KIT MCU FLASH ULTRA HIGH SPEED | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS89C440-ENL</a><br>Description: IC MCU 8BIT 32KB FLASH 44TQFP   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS89C440-QNL</a><br>Description: IC MCU 8BIT 32KB FLASH 44PLCC   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS89C440-QNG</a><br>Description: IC MCU 8BIT 32KB FLASH 44PLCC   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">DS89C450-QNL+</a><br>Description: IC MCU 8BIT 64KB FLASH 44PLCC  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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