



DS5000-32-16

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DS5000-32-16                                                                                                         |
| Manufacturer/Brand: | Maxim Integrated                                                                                                     |
| Product description | IC MCU 8BIT 32KB NVSRAM 40EDIP                                                                                       |
| Datasheets:         |  DS5000-32-16.pdf                   |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of DS5000-32-16

|                                  |                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DS5000-32-16                                                                                         |
| MANUFACTURER                     | Maxim Integrated                                                                                     |
| DESCRIPTION                      | IC MCU 8BIT 32KB NVSRAM 40EDIP                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                   |
| DATA SHEET                       |  DS5000-32-16.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.75 V ~ 5.25 V                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 40-EDIP                                                                                              |
| SPEED                            | 16MHz                                                                                                |
| SERIES                           | DS500x                                                                                               |
| RAM SIZE                         | -                                                                                                    |
| PROGRAM MEMORY TYPE              | NVSRAM                                                                                               |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                       |
| PERIPHERALS                      | Power-Fail Reset, WDT                                                                                |
| PACKAGING                        | Tube                                                                                                 |
| PACKAGE / CASE                   | 40-DIP Module (0.610", 15.495mm)                                                                     |
| OTHER NAMES                      | DS50003216<br>Q10655627                                                                              |
| OSCILLATOR TYPE                  | External                                                                                             |
| OPERATING TEMPERATURE            | 0°C ~ 70°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 DS500x Microcontroller IC 8-Bit 16MHz 32KB (32K x 8) NVSRAM 40-EDIP                             |
| DATA CONVERTERS                  | -                                                                                                    |
| CORE SIZE                        | 8-Bit                                                                                                |
| CORE PROCESSOR                   | 8051                                                                                                 |
| CONNECTIVITY                     | SIO, UART/USART                                                                                      |
| BASE PART NUMBER                 | DS5000                                                                                               |

Related Tags

|                               |                                 |                                   |
|-------------------------------|---------------------------------|-----------------------------------|
| Maxim Integrated DS5000-32-16 | DS5000-32-16 Distributor        | DS5000-32-16 Supplier             |
| DS5000-32-16 Price            | DS5000-32-16 Pictures           | DS5000-32-16 Image                |
| DS5000-32-16 PDF Datasheet    | DS5000-32-16 Download Datasheet | DS5000-32-16 Datasheet            |
| DS5000-32-16 Stock            | Buy DS5000-32-16                | Buy Maxim Integrated DS5000-32-16 |
| Maxim Integrated DS5000-32-16 | Maxim Integrated Supplier       | Maxim Integrated Distributor      |
| Maxim Integrated DS5000-32-16 |                                 |                                   |

Related Products

|                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>DS5000FP-16+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MCU 8BIT NVSRAM 80QFP<br/>In stock: 5335 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>DS5000T-32-16+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MCU 8BIT 32KB NVSRAM 40EDIP<br/>In stock: 4514 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>DS50-OR</b><br/>Manufacturers: Bussmann (Eaton)<br/>Description: CONN TERM BLK FEED THRU 8-20 AWG<br/>In stock: 28423 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>DS5000FP-16</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MCU 8BIT NVSRAM 80QFP<br/>In stock: 4322 pcs<br/><div>RFQ</div></div>          |
| <div></div> <div><b>DS50-RD</b><br/>Manufacturers: Bussmann (Eaton)<br/>Description: CONN TERM BLK FEED THRU 8-20AWG<br/>In stock: 33360 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>DS5000T/KIT</b><br/>Manufacturers: Maxim Integrated<br/>Description: KIT IC EVALUATION MPU/RTC<br/>In stock: 5437 pcs<br/><div>RFQ</div></div>         |
| <div></div> <div><b>DS50-YW</b><br/>Manufacturers: Bussmann (Eaton)<br/>Description: CONN TERM BLK FEED THRU 8-20 AWG<br/>In stock: 33173 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>DS50-N1112</b><br/>Manufacturers: SICK<br/>Description: SEN DIST 10M SEN PROX NPN CLASS<br/>In stock: 206 pcs<br/><div>RFQ</div></div>                 |
| <div></div> <div><b>DS50-N1122</b><br/>Manufacturers: SICK<br/>Description: SEN DIST 10M SEN PROX NPN CLASS<br/>In stock: 207 pcs<br/><div>RFQ</div></div>             | <div></div> <div><b>DS5000-32-16+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MCU 8BIT 32KB NVSRAM 40EDIP<br/>In stock: 4847 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>DS50-P1112</b><br/>Manufacturers: SICK<br/>Description: SEN DISTANCE 200MM-10M PNP<br/>In stock: 182 pcs<br/><div>RFQ</div></div>                  | <div></div> <div><b>DS5000T-32-16</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MCU 8BIT 32KB NVSRAM 40EDIP<br/>In stock: 5513 pcs<br/><div>RFQ</div></div>  |