



DS5001FP-16N+

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DS5001FP-16N+                                                                                                       |
| Manufacturer/Brand: | Maxim Integrated                                                                                                    |
| Product description | IC MCU 8BIT NVSRAM 80QFP                                                                                            |
| Datasheets:         |  <a href="#">DS5001FP-16N+.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant        |
| Stock Condition     | 2562 pcs stock                                                                                                      |
| Ship From           | Hong Kong                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                               |

REQUEST FOR QUOTATION

Specifications of DS5001FP-16N+

|                                  |                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DS5001FP-16N+                                                                                                         |
| MANUFACTURER                     | Maxim Integrated                                                                                                      |
| DESCRIPTION                      | IC MCU 8BIT NVSRAM 80QFP                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| QUANTITY AVAILABLE               | 2562 pcs                                                                                                              |
| DATA SHEET                       |  <a href="#">DS5001FP-16N+.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 5.5 V                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 80-QFP (14x20)                                                                                                        |
| SPEED                            | 16MHz                                                                                                                 |
| SERIES                           | DS500x                                                                                                                |
| RAM SIZE                         | -                                                                                                                     |
| PROGRAM MEMORY TYPE              | NVSRAM                                                                                                                |
| PROGRAM MEMORY SIZE              | External                                                                                                              |
| PERIPHERALS                      | Power-Fail Reset, WDT                                                                                                 |
| PACKAGING                        | Tray                                                                                                                  |
| PACKAGE / CASE                   | 80-BQFP                                                                                                               |
| OTHER NAMES                      | DS5001FP16N                                                                                                           |
| OSCILLATOR TYPE                  | External                                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                     |
| NUMBER OF I/O                    | 32                                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 4 (72 Hours)                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| EEPROM SIZE                      | -                                                                                                                     |
| DETAILED DESCRIPTION             | 8051 DS500x Microcontroller IC 8-Bit 16MHz External NVSRAM 80-QFP (14x20)                                             |
| DATA CONVERTERS                  | -                                                                                                                     |
| CORE SIZE                        | 8-Bit                                                                                                                 |
| CORE PROCESSOR                   | 8051                                                                                                                  |
| CONNECTIVITY                     | EBI/EMI, SIO, UART/USART                                                                                              |
| BASE PART NUMBER                 | DS5001                                                                                                                |

Related Tags

|                                |                                  |                                    |
|--------------------------------|----------------------------------|------------------------------------|
| Maxim Integrated DS5001FP-16N+ | DS5001FP-16N+ Distributor        | DS5001FP-16N+ Supplier             |
| DS5001FP-16N+ Price            | DS5001FP-16N+ Pictures           | DS5001FP-16N+ Image                |
| DS5001FP-16N+ PDF Datasheet    | DS5001FP-16N+ Download Datasheet | DS5001FP-16N+ Datasheet            |
| DS5001FP-16N+ Stock            | Buy DS5001FP-16N+                | Buy Maxim Integrated DS5001FP-16N+ |
| Maxim Integrated DS5001FP-16N+ | Maxim Integrated Supplier        | Maxim Integrated Distributor       |
| Maxim Integrated DS5001FP-16N+ |                                  |                                    |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>DS5001FP-16</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MCU 8BIT NVSRAM 80QFP<br/>In stock: 5771 pcs<br/><div>RFQ</div></div>          | <div></div> <div><b>DS5002FP-16</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MCU 8BIT NVSRAM 80QFP<br/>In stock: 6465 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: 3285 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>DS5001FP-16N</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MCU 8BIT NVSRAM 80QFP<br/>In stock: 3437 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: 6780 pcs<br/><div>RFQ</div></div>         | <div></div> <div><b>DS5002FMN-16</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MCU 8BIT NVSRAM 80QFP<br/>In stock: 6198 pcs<br/><div>RFQ</div></div>        |
| <div></div> <div><b>DS5003-CS1+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MCU 8BIT NVSRAM 80QFP<br/>In stock: 3326 pcs<br/><div>RFQ</div></div>          | <div></div> <div><b>DS5002FPM-16+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MCU 8BIT NVSRAM 80QFP<br/>In stock: 3755 pcs<br/><div>RFQ</div></div>       |
| <div></div> <div><b>DS5002FPM-16</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MCU 8BIT NVSRAM 80QFP<br/>In stock: 5259 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: 5973 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>DS5002FMN-16+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MCU 8BIT NVSRAM 80QFP<br/>In stock: 3880 pcs<br/><div>RFQ</div></div>        | <div></div> <div><b>DS5001FP-16+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MCU 8BIT NVSRAM 80QFP<br/>In stock: 2374 pcs<br/><div>RFQ</div></div>        |