



MAX32631IWG+W

|                     |                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MAX32631IWG+W                                                                                                     |
| Manufacturer/Brand: | Maxim Integrated                                                                                                  |
| Product description | IC MCU 32BIT 2MB FLASH 100WLP                                                                                     |
| Datasheets:         | <a href="#">1.MAX32631IWG+W.pdf</a><br><a href="#">2.MAX32631IWG+W.pdf</a><br><a href="#">3.MAX32631IWG+W.pdf</a> |
| RoHs Status         | Lead free / RoHS Compliant                                                                                        |
| Ship From           | Hong Kong                                                                                                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                             |

REQUEST FOR QUOTATION

Specifications of MAX32631IWG+W

|                                  |                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MAX32631IWG+W                                                                                                     |
| MANUFACTURER                     | Maxim Integrated                                                                                                  |
| DESCRIPTION                      | IC MCU 32BIT 2MB FLASH 100WLP                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                        |
| DATA SHEET                       | <a href="#">1.MAX32631IWG+W.pdf</a><br><a href="#">2.MAX32631IWG+W.pdf</a><br><a href="#">3.MAX32631IWG+W.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.14 V ~ 3.6 V                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 100-WLP                                                                                                           |
| SPEED                            | 96MHz                                                                                                             |
| SERIES                           | -                                                                                                                 |
| RAM SIZE                         | 512K x 8                                                                                                          |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                             |
| PROGRAM MEMORY SIZE              | 2MB (2M x 8)                                                                                                      |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, TPU, WDT                                                                        |
| PACKAGING                        | Tube                                                                                                              |
| PACKAGE / CASE                   | -                                                                                                                 |
| OTHER NAMES                      | 90-B0431+WBW                                                                                                      |
| OSCILLATOR TYPE                  | Internal                                                                                                          |
| OPERATING TEMPERATURE            | -20°C ~ 85°C (TA)                                                                                                 |
| NUMBER OF I/O                    | 66                                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                        |
| EEPROM SIZE                      | -                                                                                                                 |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4F - Microcontroller IC 32-Bit 96MHz 2MB (2M x 8) FLASH 100-WLP                                     |
| DATA CONVERTERS                  | A/D 4x10b                                                                                                         |
| CORE SIZE                        | 32-Bit                                                                                                            |
| CORE PROCESSOR                   | ARM® Cortex®-M4F                                                                                                  |
| CONNECTIVITY                     | 1-Wire, I²C, SPI, UART/USART, USB                                                                                 |

Related Tags

|                                |                                  |                                    |
|--------------------------------|----------------------------------|------------------------------------|
| Maxim Integrated MAX32631IWG+W | MAX32631IWG+W Distributor        | MAX32631IWG+W Supplier             |
| MAX32631IWG+W Price            | MAX32631IWG+W Pictures           | MAX32631IWG+W Image                |
| MAX32631IWG+W PDF Datasheet    | MAX32631IWG+W Download Datasheet | MAX32631IWG+W Datasheet            |
| MAX32631IWG+W Stock            | Buy MAX32631IWG+W                | Buy Maxim Integrated MAX32631IWG+W |
| Maxim Integrated MAX32631IWG+W | Maxim Integrated Supplier        | Maxim Integrated Distributor       |
| Maxim Integrated MAX32631IWG+W |                                  |                                    |

Related Products

|                                                                                                                                                 |                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>MAX32631ICQ+</b><br>Manufacturers: Maxim Integrated<br>Description: IC MCU 32BIT 2MB FLASH 100TQFP<br>In stock: 90 pcs<br><b>RFQ</b>     | <br><b>MAX32630MBED#</b><br>Manufacturers: Maxim Integrated<br>Description: ARDUINO COMPATIBLE MBED EVAL BOA<br>In stock: Out stock<br><b>RFQ</b> |
| <br><b>MAX3263CAG+</b><br>Manufacturers: Maxim Integrated<br>Description: IC DRVR LASER DIODE 24-SSOP<br>In stock: Out stock<br><b>RFQ</b>      | <br><b>MAX3264CUE+</b><br>Manufacturers: Maxim Integrated<br>Description: IC AMP LIMITING 1.25GBPS 16TSSOP<br>In stock: Out stock<br><b>RFQ</b>   |
| <br><b>MAX32631ICQ+W</b><br>Manufacturers: Maxim Integrated<br>Description: IC MCU 32BIT 2MB FLASH 100TQFP<br>In stock: Out stock<br><b>RFQ</b> | <br><b>MAX32631IWQ+T</b><br>Manufacturers: Maxim Integrated<br>Description: SEC ULTRA-LOW POWER COR M4 WLP<br>In stock: Out stock<br><b>RFQ</b>   |
| <br><b>MAX32631IWG+T</b><br>Manufacturers: Maxim Integrated<br>Description: IC MCU 32BIT 2MB FLASH 100WLP<br>In stock: Out stock<br><b>RFQ</b>  | <br><b>MAX32631-EVKIT#</b><br>Manufacturers: Maxim Integrated<br>Description: EVAL KIT MAX32632 ARM CORTEX-M4<br>In stock: 2 pcs<br><b>RFQ</b>    |
| <br><b>MAX3263CAG</b><br>Manufacturers: Maxim Integrated<br>Description: IC DVR LSR DIODE 155MBPS 24-SSOP<br>In stock: Out stock<br><b>RFQ</b>  | <br><b>MAX3263CAG+T</b><br>Manufacturers: Maxim Integrated<br>Description: IC DRVR LASER DIODE 24-SSOP<br>In stock: Out stock<br><b>RFQ</b>       |
| <br><b>MAX32631IWG+</b><br>Manufacturers: Maxim Integrated<br>Description: IC MCU 32BIT 2MB FLASH 100WLP<br>In stock: Out stock<br><b>RFQ</b>   | <br><b>MAX32632IWQ+</b><br>Manufacturers: Maxim Integrated<br>Description: IC MCU 32BIT 2MB FLASH WLP-100<br>In stock: 90 pcs<br><b>RFQ</b>       |