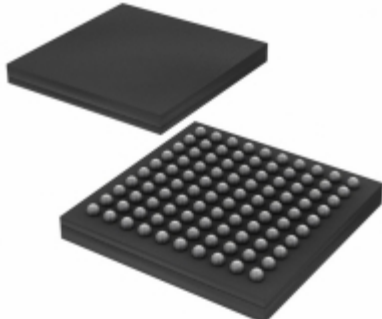


MAX32631IWG+W



Images are for reference only.  
See Product Specifications for product details.  
**Buy MAX32631IWG+W with confidence from Component-World.HK, 1 Year Warranty**

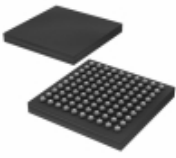
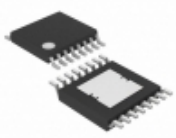
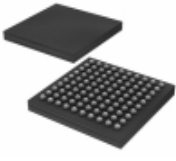
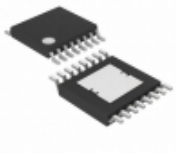
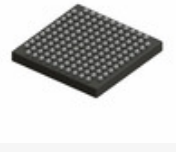
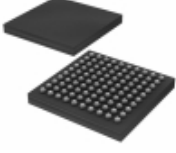
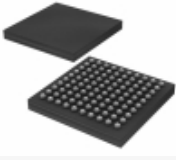
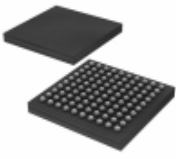
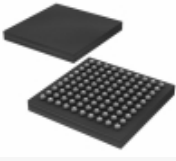


**Part Number:** [MAX32631IWG+W](#)  
**Manufacturer:** [Maxim Integrated](#)  
**Description:** IC MCU 32BIT 2MB FLASH 100WLP  
**Data sheet:**  [MAX32630 Errata RevA2](#)  
 [MAX32630 Errata RevA1](#)  
 [MAX32630,31 Datasheet](#)

**RoHs Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                               |                                  |                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                | MAX32631IWG+W                                                                 | Manufacturer                     | <a href="#">Maxim Integrated</a>                                                                                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC MCU 32BIT 2MB FLASH 100WLP                                                 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4170 pcs                                                                      | Data sheet                       | <a href="#">MAX32630 Errata RevA2</a><br><a href="#">MAX32630 Errata RevA1</a><br><a href="#">MAX32630,31 Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</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                                             |                                  |                                                                                                                         |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Maxim Integrated series electronic components. We have 4170 pieces of Maxim Integrated MAX32631IWG+W in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                               |                                  |                                                                                                                         |

| RELATED PRODUCTS                                                                   |                                                                                        |                                                 |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------|---------------------|
|  | Part#: <a href="#">MAX32631IWG+T</a><br>Description: SEC ULTRA-LOW POWER COR M4 WLP    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX32630IWG+T</a><br>Description: IC MCU 32BIT 2MB FLASH 100WLP     | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX3264CUE+</a><br>Description: IC AMP LIMITING 1.25GBPS 16TSSOP    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX32631-EVKIT#</a><br>Description: EVAL KIT MAX32632 ARM CORTEX-M4 | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX32650-EVKIT#</a><br>Description: EVAL BOARD FOR MAX32650         | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX32631ICQ+W</a><br>Description: IC MCU 32BIT 2MB FLASH 100TQFP    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX3263CAG</a><br>Description: IC DVR LSR DIODE 155MBPS 24-SSOP     | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX3263CAG+</a><br>Description: IC DRVR LASER DIODE 24-SSOP         | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX32630IWG+</a><br>Description: IC MCU 32BIT 2MB FLASH 100WLP      | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX3264CUE+T</a><br>Description: IC AMP LIMITING 1.25GBPS 16TSSOP   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX32652GWE+T</a><br>Description: IC MCU 32BIT 3MB FLASH 140WLP     | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX32652GWE+</a><br>Description: IC MCU 32BIT 3MB FLASH 140WLP      | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX32630IWG+W</a><br>Description: IC MCU 32BIT 2MB FLASH 100WLP     | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX32631IWG+T</a><br>Description: IC MCU 32BIT 2MB FLASH 100WLP     | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX32630MBED#</a><br>Description: ARDUINO COMPATIBLE MBED EVAL BOA  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX32631IWG+</a><br>Description: IC MCU 32BIT 2MB FLASH 100WLP      | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX32631ICQ+</a><br>Description: IC MCU 32BIT 2MB FLASH 100TQFP     | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX32632IWQ+</a><br>Description: IC MCU 32BIT 2MB FLASH WLP-100     | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX3263CAG+T</a><br>Description: IC DRVR LASER DIODE 24-SSOP        | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX32630ICQ+W</a><br>Description: IC MCU 32BIT 2MB FLASH 100QFP     | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |

| Related keywords for MAX32631IWG+W |                           |                        |                     |
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| Maxim Integrated MAX32631IWG+W     | MAX32631IWG+W distributor | MAX32631IWG+W supplier | MAX32631IWG+W price |
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