



MAX32630IWG+

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MAX32630IWG+                                                                                                 |
| Manufacturer/Brand: | Maxim Integrated                                                                                             |
| Product description | IC MCU 32BIT 2MB FLASH 100WLP                                                                                |
| Datasheets:         |  MAX32630IWG+.pdf           |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4308 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

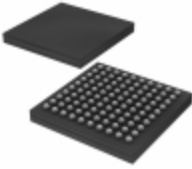
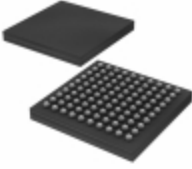
Specifications of MAX32630IWG+

|                                  |                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MAX32630IWG+                                                                                         |
| MANUFACTURER                     | Maxim Integrated                                                                                     |
| DESCRIPTION                      | IC MCU 32BIT 2MB FLASH 100WLP                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                           |
| QUANTITY AVAILABLE               | 4308 pcs                                                                                             |
| DATA SHEET                       |  MAX32630IWG+.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.14 V ~ 3.6 V                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 100-WLP (4.4x4.4)                                                                                    |
| 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, WDT                                                                |
| PACKAGING                        | Bulk                                                                                                 |
| PACKAGE / CASE                   | 100-WFBGA, WLBGA                                                                                     |
| 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 (4.4x4.4)              |
| 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 MAX32630IWG+ | MAX32630IWG+ Distributor        | MAX32630IWG+ Supplier             |
| MAX32630IWG+ Price            | MAX32630IWG+ Pictures           | MAX32630IWG+ Image                |
| MAX32630IWG+ PDF Datasheet    | MAX32630IWG+ Download Datasheet | MAX32630IWG+ Datasheet            |
| MAX32630IWG+ Stock            | Buy MAX32630IWG+                | Buy Maxim Integrated MAX32630IWG+ |
| Maxim Integrated MAX32630IWG+ | Maxim Integrated Supplier       | Maxim Integrated Distributor      |
| Maxim Integrated MAX32630IWG+ |                                 |                                   |

Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>MAX3262CAG</div><div>Manufacturers: Maxim Integrated</div><div>Description: IC AMP HS LIMITING 1GBPS 24-SSOP</div><div>In stock: 3685 pcs</div><div>RFQ</div></div>     | <div><div>MAX32630IWG+W</div><div>Manufacturers: Maxim Integrated</div><div>Description: IC MCU 32BIT 2MB FLASH 100WLP</div><div>In stock: 5871 pcs</div><div>RFQ</div></div>    |
| <div><div>MAX32630MBED#</div><div>Manufacturers: Maxim Integrated</div><div>Description: ARDUINO COMPATIBLE MBED EVAL BOA</div><div>In stock: 1681 pcs</div><div>RFQ</div></div>  | <div><div>MAX32630IWG+T</div><div>Manufacturers: Maxim Integrated</div><div>Description: IC MCU 32BIT 2MB FLASH 100WLP</div><div>In stock: 13230 pcs</div><div>RFQ</div></div>   |
| <div><div>MAX32626IWY+T</div><div>Manufacturers: Maxim Integrated</div><div>Description: ENTERPRISE ARM M4 32 BIT SECURE</div><div>In stock: 26876 pcs</div><div>RFQ</div></div>  | <div><div>MAX32630ICQ+</div><div>Manufacturers: Maxim Integrated</div><div>Description: IC MCU 32BIT 2MB FLASH 100QFP</div><div>In stock: 9248 pcs</div><div>RFQ</div></div>     |
| <div><div>MAX32631ICQ+</div><div>Manufacturers: Maxim Integrated</div><div>Description: IC MCU 32BIT 2MB FLASH 100TQFP</div><div>In stock: 8455 pcs</div><div>RFQ</div></div>     | <div><div>MAX32630FTHR#</div><div>Manufacturers: Maxim Integrated</div><div>Description: EVAL FOR MAX32630</div><div>In stock: 3496 pcs</div><div>RFQ</div></div>                |
| <div><div>MAX32630-EVKIT#</div><div>Manufacturers: Maxim Integrated</div><div>Description: ULTRA-LOW POWER, HIGH-PERFORMANC</div><div>In stock: 550 pcs</div><div>RFQ</div></div> | <div><div>MAX32631-EVKIT#</div><div>Manufacturers: Maxim Integrated</div><div>Description: EVAL KIT MAX32632 ARM CORTEX-M4</div><div>In stock: 489 pcs</div><div>RFQ</div></div> |
| <div><div>MAX32631ICQ+W</div><div>Manufacturers: Maxim Integrated</div><div>Description: IC MCU 32BIT 2MB FLASH 100TQFP</div><div>In stock: 2788 pcs</div><div>RFQ</div></div>    | <div><div>MAX32630ICQ+W</div><div>Manufacturers: Maxim Integrated</div><div>Description: IC MCU 32BIT 2MB FLASH 100QFP</div><div>In stock: 5413 pcs</div><div>RFQ</div></div>    |