

**MAX32632IWQ+ Information**


For Reference Only

**Part Number** [MAX32632IWQ+](#)  
**Manufacturer** Maxim Integrated  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT 2MB FLASH WLP-100  
**Package** 100-WFBGA, WLBGA  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**MAX32632IWQ+ Specifications**

Manufacturer Part Number	<a href="#">MAX32632IWQ+</a>
Manufacturer	Maxim Integrated
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	100-WFBGA, WLBGA
Series	DARWIN
Core Processor	ARM® Cortex®-M4F
Core Size	32-Bit
Speed	96MHz
Connectivity	1-Wire, I <sup>2</sup> C, SPI, UART/USART, USB
Peripherals	Brown-out Detect/Reset, POR, PWM, TPU, WDT
Number of I/O	66
Program Memory Size	2MB (2M x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	512K x 8
Voltage - Supply (Vcc/Vdd)	1.14 V ~ 3.6 V
Data Converters	A/D 4x10b
Oscillator Type	Internal
Operating Temperature	-20°C ~ 85°C (TA)
Mounting Type	-
Package / Case	100-WFBGA, WLBGA
Supplier Device Package	100-WLP (4.4x4.4)

[Report errors?](#)

## MAX32632IWQ+ Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## MAX32632IWQ+ Payment Methods



## MAX32632IWQ+ Shipping Methods



If you have any question about MAX32632IWQ+, please do not hesitate to contact us!

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E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)