

**M0564LE4AE Information**


For Reference Only

**Part Number** [M0564LE4AE](#)  
**Manufacturer** Nuvoton Technology Corporation of America  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** NUMICRO M0564 SERIES-HAS 256 KB  
**Package** 48-LQFP  
 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.


**M0564LE4AE Specifications**

Manufacturer Part Number	<a href="#">M0564LE4AE</a>
Manufacturer	Nuvoton Technology Corporation of America
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	48-LQFP
Series	NuMicro M0564
Core Processor	ARM® Cortex®-M0
Core Size	32-Bit
Speed	72MHz
Connectivity	I <sup>2</sup> C, SPI, UART/USART
Peripherals	Brown-out Detect/Reset, LVR, I <sup>2</sup> S, PWM
Number of I/O	41
Program Memory Size	128KB (128K x 8)
Program Memory Type	FLASH
EEPROM Size	2K x 8
RAM Size	20K x 8
Voltage - Supply (Vcc/Vdd)	2.5 V ~ 5.5 V
Data Converters	A/D 10x12b
Oscillator Type	Internal/External
Operating Temperature	-40°C ~ 105°C (TA)
Mounting Type	-
Package / Case	48-LQFP
Supplier Device Package	48-LQFP (7x7)

[Report errors?](#)

## M0564LE4AE 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.

## M0564LE4AE Payment Methods



## M0564LE4AE Shipping Methods



If you have any question about M0564LE4AE, please do not hesitate to contact us!

Website: <https://www.heisener.com>

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