

**M452RG6AE Information**


For Reference Only

**Part Number** [M452RG6AE](#)  
**Manufacturer** Nuvoton Technology Corporation of America  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** MICROCONTROLLER ARM CORTEX  
**Package** 64-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.


**M452RG6AE Specifications**

Manufacturer Part Number	<a href="#">M452RG6AE</a>
Manufacturer	Nuvoton Technology Corporation of America
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	64-LQFP
Series	NuMicro™ M452
Core Processor	ARM® Cortex®-M4F
Core Size	32-Bit
Speed	72MHz
Connectivity	EBI/EMI, I <sup>2</sup> C, IrDA, LINbus, SmartCard, SPI,UART/USART, USB
Peripherals	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, LVD, LVR, POR, PWM, WDT
Number of I/O	48
Program Memory Size	256KB (256K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	32K x 8
Voltage - Supply (Vcc/Vdd)	2.5V ~ 5.5V
Data Converters	A/D 12x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)
Mounting Type	Surface Mount
Package / Case	64-LQFP
Supplier Device Package	64-LQFP (7x7)

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## M452RG6AE 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.

## M452RG6AE Payment Methods



## M452RG6AE Shipping Methods



If you have any question about M452RG6AE, please do not hesitate to contact us!

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