

M452VG6AE Information

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For Reference Only

Part Number [M452VG6AE](#)
Manufacturer Nuvoton Technology Corporation of America
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description MICROCONTROLLER ARM CORTEX
Package 100-LQFP
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: 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.


M452VG6AE Specifications

Manufacturer Part Number	M452VG6AE
Manufacturer	Nuvoton Technology Corporation of America
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	100-LQFP
Series	NuMicro™ M452
Core Processor	ARM® Cortex®-M4F
Core Size	32-Bit
Speed	72MHz
Connectivity	EBI/EMI, I ² C, IrDA, LINbus, SmartCard, SPI,UART/USART, USB
Peripherals	Brown-out Detect/Reset, DMA, I ² S, LVD, LVR, POR, PWM, WDT
Number of I/O	80
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	100-LQFP
Supplier Device Package	100-LQFP (14x14)

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M452VG6AE 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.

M452VG6AE Payment Methods



M452VG6AE Shipping Methods



If you have any question about M452VG6AE, please do not hesitate to contact us!

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