

**NUC972DF71Y Information**


For Reference Only

**Part Number** [NUC972DF71Y](#)  
**Manufacturer** Nuvoton Technology Corporation of America  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** MICROCONTROLLER ARM10  
**Package** 216-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.


**NUC972DF71Y Specifications**

Manufacturer Part Number	<a href="#">NUC972DF71Y</a>
Manufacturer	Nuvoton Technology Corporation of America
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	216-LQFP
Series	NUC970
Core Processor	ARM926EJ-S
Core Size	32-Bit
Speed	300MHz
Connectivity	Ethernet, I <sup>2</sup> C, IrDA, MMC/SD/SDIO, SmartCard, SPI, UART/USART, USB
Peripherals	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, LCD, LVD, LVR, POR, PWM, WDT
Number of I/O	146
Program Memory Size	128KB (128K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	56K x 8
Voltage - Supply (Vcc/Vdd)	1.14V ~ 3.63V
Data Converters	A/D 8x12b
Oscillator Type	External
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	Surface Mount
Package / Case	216-LQFP
Supplier Device Package	216-LQFP (24x24)

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## NUC972DF71Y 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.

## NUC972DF71Y Payment Methods



## NUC972DF71Y Shipping Methods



If you have any question about NUC972DF71Y, please do not hesitate to contact us!

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