

**LM3S9DN5-IBZ80-A2T Information**


For Reference Only

**Part Number** [LM3S9DN5-IBZ80-A2T](#)  
**Manufacturer** Texas Instruments  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT 512KB FLASH 108BGA  
**Package** 108-LFBGA  
 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.


**LM3S9DN5-IBZ80-A2T Specifications**

|                            |   |
|----------------------------|---|
| Manufacturer Part Number   | <a href="#">LM3S9DN5-IBZ80-A2T</a>  |
| Manufacturer               | Texas Instruments   |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a>              |
| Package                    | 108-LFBGA   |
| Series                     | Stellaris? ARM? Cortex?-M3S 9000  |
| Core Processor             | ARM? Cortex?-M3   |
| Core Size                  | 32-Bit  |
| Speed                      | 80MHz   |
| Connectivity               | CAN, EBI/EMI, Ethernet, I2C, IrDA, LIN, Microwire, QEI, SPI, SSI, UART/USART, USB OTG |
| Peripherals                | Brown-out Detect/Reset, DMA, I2S, POR, PWM, WDT                                       |
| Number of I/O              | 72  |
| Program Memory Size        | 512KB (512K x 8)  |
| Program Memory Type        | FLASH   |
| EEPROM Size                | -   |
| RAM Size                   | 96K x 8   |
| Voltage - Supply (Vcc/Vdd) | 1.235 V ~ 1.365 V   |
| Data Converters            | A/D 16x12b  |
| Oscillator Type            | Internal  |
| Operating Temperature      | -40°C ~ 85°C (TA)   |
| Mounting Type              | -   |
| Package / Case             | 108-LFBGA   |
| Supplier Device Package    | 108-BGA (10x10)   |

[Report errors?](#)

## LM3S9DN5-IBZ80-A2T 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.

## LM3S9DN5-IBZ80-A2T Payment Methods



## LM3S9DN5-IBZ80-A2T Shipping Methods



If you have any question about LM3S9DN5-IBZ80-A2T, please do not hesitate to contact us!

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

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