

LM3S9DN6-IBZ80-A1 Information


For Reference Only

Part Number [LM3S9DN6-IBZ80-A1](#)
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


[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.


LM3S9DN6-IBZ80-A1 Specifications

Manufacturer Part Number	LM3S9DN6-IBZ80-A1
Manufacturer	Texas Instruments
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
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?](#)

LM3S9DN6-IBZ80-A1 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.

LM3S9DN6-IBZ80-A1 Payment Methods



LM3S9DN6-IBZ80-A1 Shipping Methods



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