

**LM3S6537-IBZ50-A2 Information**


For Reference Only

**Part Number** [LM3S6537-IBZ50-A2](#)  
**Manufacturer** Texas Instruments  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT 96KB 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.


**LM3S6537-IBZ50-A2 Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">LM3S6537-IBZ50-A2</a>  |
| Manufacturer               | Texas Instruments  |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                    | 108-LFBGA  |
| Series                     | Stellaris? ARM? Cortex?-M3S 6000   |
| Core Processor             | ARM? Cortex?-M3  |
| Core Size                  | 32-Bit   |
| Speed                      | 50MHz  |
| Connectivity               | Ethernet, I2C, IrDA, Microwire, SPI, SSI, UART/USART                     |
| Peripherals                | Brown-out Detect/Reset, POR, PWM, WDT                                    |
| Number of I/O              | 41   |
| Program Memory Size        | 96KB (96K x 8)   |
| Program Memory Type        | FLASH  |
| EEPROM Size                | -  |
| RAM Size                   | 64K x 8  |
| Voltage - Supply (Vcc/Vdd) | 2.25 V ~ 2.75 V  |
| Data Converters            | A/D 4x10b  |
| Oscillator Type            | Internal   |
| Operating Temperature      | -40°C ~ 85°C (TA)  |
| Mounting Type              | -  |
| Package / Case             | 108-LFBGA  |
| Supplier Device Package    | 108-BGA (10x10)  |

[Report errors?](#)

## LM3S6537-IBZ50-A2 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.

## LM3S6537-IBZ50-A2 Payment Methods



## LM3S6537-IBZ50-A2 Shipping Methods



If you have any question about LM3S6537-IBZ50-A2, please do not hesitate to contact us!

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