

**LM3S1Z16-IQR50-C0T Information**


For Reference Only

**Part Number** [LM3S1Z16-IQR50-C0T](#)  
**Manufacturer** Texas Instruments  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT 16KB FLASH 64LQFP  
**Package** 64-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.


**LM3S1Z16-IQR50-C0T Specifications**

Manufacturer Part Number	<a href="#">LM3S1Z16-IQR50-C0T</a>
Manufacturer	Texas Instruments
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	64-LQFP
Series	Stellaris? ARM? Cortex?-M3S 1000
Core Processor	ARM? Cortex?-M3
Core Size	32-Bit
Speed	50MHz
Connectivity	I2C, IrDA, LIN, Microwire, SPI, SSI, UART/USART
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT
Number of I/O	33
Program Memory Size	16KB (16K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	6K x 8
Voltage - Supply (Vcc/Vdd)	1.08 V ~ 1.32 V
Data Converters	A/D 8x10b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	64-LQFP
Supplier Device Package	64-LQFP (10x10)

[Report errors?](#)

## LM3S1Z16-IQR50-C0T 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.

## LM3S1Z16-IQR50-C0T Payment Methods



## LM3S1Z16-IQR50-C0T Shipping Methods



If you have any question about LM3S1Z16-IQR50-C0T, please do not hesitate to contact us!

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

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