

### MSP430FG439IZCAT

#### **MSP430FG439IZCAT Information**



For Reference Only

Part Number MSP430FG439IZCAT

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

**Description** IC MCU 16BIT 60KB FLASH 113NFBGA

Package 113-VFBGA

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.









## **MSP430FG439IZCAT Specifications**

Manufacturer Part Number	MSP430FG439IZCAT	
Manufacturer	Texas Instruments	
Category	Integrated Circuits (ICs)	
	Embedded - Microcontrollers	
Package	113-VFBGA	
Series	MSP430x4xx	
Core Processor	MSP430	
Core Size	16-Bit	
Speed	8MHz	
Connectivity	SPI, UART/USART	
Peripherals	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT	
Number of I/O	48	
Program Memory Size	60KB (60K x 8 + 256B)	
Program Memory Type	FLASH	
EEPROM Size	-	
RAM Size	2K x 8	
Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V	
Data Converters	A/D 12x12b, D/A 2x12b	
Oscillator Type	Internal	
Operating Temperature	-40°C ~ 85°C (TA)	
Mounting Type	-	
Package / Case	113-VFBGA	
Supplier Device Package	113-NFBGA (7x7)	
		Report errors?

#### MSP430FG439IZCAT 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.

#### MSP430FG439IZCAT Payment Methods



















### MSP430FG439IZCAT Shipping Methods













If you have any question about MSP430FG439IZCAT, please do not hesitate to contact us!

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