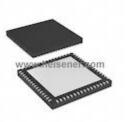


## MSP430FR5989IRGCT

### MSP430FR5989IRGCT Information



For Reference Only

Part Number MSP430FR5989IRGCT

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

**Description** IC MCU 16BIT 128KB FRAM 64VQFN

Package 64-VFQFN Exposed Pad

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.









# MSP430FR5989IRGCT Specifications

Manufacturer Part Number	MSP430FR5989IRGCT
Manufacturer	Texas Instruments
Category	Integrated Circuits (ICs)
	Embedded - Microcontrollers
Package	64-VFQFN Exposed Pad
Series	MSP430? FRAM
Core Processor	CPUXV2
Core Size	16-Bit
Speed	16MHz
Connectivity	I2C, IrDA, SPI, UART/USART
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT
Number of I/O	48
Program Memory Size	128KB (128K x 8)
Program Memory Type	FRAM
EEPROM Size	-
RAM Size	2K x 8
Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Data Converters	A/D 12x12b
Oscillator Type	Internal
Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$
Mounting Type	-
Package / Case	64-VFQFN Exposed Pad
Supplier Device Package	64-VQFN (9x9)
	Report errors?

### MSP430FR5989IRGCT 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.

### MSP430FR5989IRGCT Payment Methods

































If you have any question about MSP430FR5989IRGCT, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com