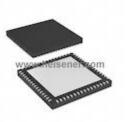


# MSP430FR6970IRGCR

#### MSP430FR6970IRGCR Information



For Reference Only

Part NumberMSP430FR6970IRGCRManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)

Embedded - Microcontrollers

**Description** IC MCU 16BIT 32KB 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.









# **MSP430FR6970IRGCR Specifications**

Manufacturer Part Number	MSP430FR6970IRGCR	
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, SCI, SPI, UART/USART	
Peripherals	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT	
Number of I/O	51	
Program Memory Size	32KB (32K 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 8x12b	
Oscillator Type	Internal	
Operating Temperature	-40°C ~ 85°C (TA)	
Mounting Type	-	
Package / Case	64-VFQFN Exposed Pad	
Supplier Device Package	64-VQFN (9x9)	
	Report erro	ors?

#### MSP430FR6970IRGCR 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.

### MSP430FR6970IRGCR Payment Methods



















## MSP430FR6970IRGCR Shipping Methods













If you have any question about MSP430FR6970IRGCR, please do not hesitate to contact us!

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