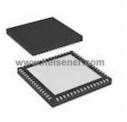


# MSP430FR59891IRGCT

### MSP430FR59891IRGCT Information



For Reference Only

Part Number MSP430FR59891IRGCT
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.









# **MSP430FR59891IRGCT Specifications**

| Manufacturer Part Number   | MSP430FR59891IRGCT                         |
|----------------------------|--|
| 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°C ~ $85$ °C (TA)                       |
| Mounting Type              | -  |
| Package / Case             | 64-VFQFN Exposed Pad                       |
| Supplier Device Package    | 64-VQFN (9x9)                              |
|                            | Report errors?                             |

### MSP430FR59891IRGCT Guarantees



#### **Ouality 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.

## MSP430FR59891IRGCT Payment Methods



















### MSP430FR59891IRGCT Shipping Methods













If you have any question about MSP430FR59891IRGCT, please do not hesitate to contact us!

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