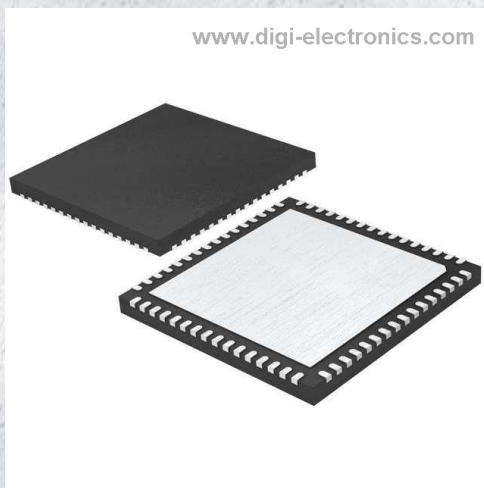


# MSP430F5310IRGCR Datasheet



<https://www.DiGi-Electronics.com>

DiGi Electronics Part Number	MSP430F5310IRGCR-DG
Manufacturer	<a href="#">Texas Instruments</a>
Manufacturer Product Number	MSP430F5310IRGCR
Description	IC MCU 16BIT 32KB FLASH 64VQFN
Detailed Description	MSP430 CPUXV2 MSP430F5xx Microcontroller IC 16-Bit 25MHz 32KB (32K x 8) FLASH 64-VQFN (9x9)

This model MSP430F5310IRGCR is available at DiGi Electronics.

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## Purchase and inquiry

**Manufacturer Product Number:**

MSP430F5310IRGCR

**Series:**

MSP430F5xx

**DiGi-Electronics Programmable:**

Not Verified

**Core Size:**

16-Bit

**Connectivity:**

I2C, IrDA, LINbus, SCI, SPI, UART/USART

**Number of I/O:**

47

**Program Memory Type:**

FLASH

**RAM Size:**

6K x 8

**Data Converters:**

A/D 12x10b

**Operating Temperature:**

-40°C ~ 85°C (TA)

**Supplier Device Package:**

64-VQFN (9x9)

**Base Product Number:**

MSP430F5310

**Manufacturer:**

Texas Instruments

**Product Status:**

Active

**Core Processor:**

MSP430 CPUXV2

**Speed:**

25MHz

**Peripherals:**

Brown-out Detect/Reset, DMA, POR, PWM, WDT

**Program Memory Size:**

32KB (32K x 8)

**EEPROM Size:**

-

**Voltage - Supply (Vcc/Vdd):**

1.8V ~ 3.6V

**Oscillator Type:**

Internal

**Mounting Type:**

Surface Mount

**Package / Case:**

64-VFQFN Exposed Pad

## Environmental & Export classification

**RoHS Status:**

ROHS3 Compliant

**REACH Status:**

REACH Unaffected

**HTSUS:**

8542.31.0001

**Moisture Sensitivity Level (MSL):**

3 (168 Hours)

**ECCN:**

EAR99

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